DOCUMENT RESUME

ED 347 178 TM 018 584

AUTHOR	Brick, J. Michael; And Others
TITLE	National Household Education Survey. Adult and Course Data Files User's Manual.
INSTITUTION	Westat, Inc., Rockville, MD.
SPONS AGENCY	National Center for Education Statistics (ED), Washington, DC.
REPORT NO	NCES-92-019
PUB DATE	Apr 92
NOTE	435p.
PUB TYPE	Guides - Non-Classroom Use (055)
EDRS PRICE	MF01/PC18 Plus Postage.
DESCRIPTORS	*Adult Education; *Courses; *Databases; Data Collection; Data Processing; Enrollment Trends; *National Surveys; Research Design; Research Methodology; Sampling; *Telephone Surveys; Test Use
IDENTIFIERS	*Data Files; Educational Information; *National Household Education Survey; User Guides

ABSTRACT

This manual provides documentation and guidance for users of the public release data files (adult file and course file) for Adult Education (AE) component of the 1991 National Household Education Survey (NHES:91). The NHES:91 was a random-digit dial telephone survey developed by the National Center for Education Statistics (NCES) and conducted by Westat, Inc. Data for the full-scale study were collected between late January and early May of 1991. The collection of data directly from non-institutional samples of individuals is a new initiative for the NCES and holds the promise of greatly enhancing the scope of issues covered by the NCES by providing information on many current issues in education. There were two general components of the NHES:91. The first of these was the Early Childhood Education component, concerned with the experiences of 3- to 8-year-old children. The second component pertained to the participation in adult education of persons aged 16 years and older. The introductory chapter, of the manual provides overviews of these components as well as information about the purpose of the study, the sample design, and data collection and data processing procedures. Following the introduction (chapter 1) the other chapters are: (2) "Description of Data Collection Instruments"; (3) "Sample Design and Implementation"; (4) "Data Collection Methods and Response Rates"; (5) "Data Preparation"; (6) "Guide to the Data Files and Codebooks"; and (7) "Data Anomalies." Six tables and four figures supplement the text. Six appendixes, comprising the greater part of the document, provide the NHES:91 questionnaire, adult file and course file variable lists, SAS and SPSS-X control cards, guidelines for using SAS and SPSS-X, SAS codes for composite variables, and adult file and course file codebooks. (SLD)

****
*   Reproductions supplied by EDRS are the best that can be made   *
*   from the original document.   *
****

ED347178

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

BEST COPY AVAILABLE

NATIONAL CENTER FOR EDUCATION STATISTICS

User's Manual
April 1992

National Household Education Survey

Adult and Course Data Files User's Manual

National
Household
Education
Survey

J. Michael Brick, Project Officer
Mary A. Collins, Associate Project Officer
Carin A. Celebuski
Mary Jo Nolin
Theresa A. Squadere
Peter C. Ha
Jacqueline Wernimont

Westat Inc.

Jerry West, NHES Project Officer
Kathryn Chandler
Elvie Germino Hausken
Jeffrey Owings, Chief, Longitudinal and Household Studies Branch

National Center for Education Statistics

U.S. Department of Education
Office of Educational Research and Improvement
NCES 92-019

U.S. Department of Education
Lamar Alexander
Secretary

Office of Educational Research and Improvement
Diane Ravitch
Assistant Secretary

National Center for Education Statistics
Emerson J. Elliott
Acting Commissioner

National Center for Education Statistics

"The purpose of the Center shall be to collect, and analyze, and disseminate statistics and other data related to education in the United States and in other nations."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e–1).

April 1992

Contact:
Jerry West
(202) 219–1574

CONTENTS

Chapter Page

I. **Introduction** 1

1.1 Background of Study 1
1.2 Components of NHES:91 1
1.3 Overview of Design 3

II. **Description of Data Collection Instruments** 7

2.1 The NHES:91 Screener 7
2.2 Adult Education Interview 9

III. **Sample Design and Implementation** 13

3.1 Sampling Households 13
3.2 Sampling Within Households for the Adult Education Survey . . 17
3.3 Weighting Procedures 20
3.4 Computing Sampling Errors 23
3.5 Imputation 25

IV. **Data Collection Methods and Response Rates** 27

4.1 Data Collection Procedures 27

4.1.1 CATI System Applications 27
4.1.2 Interviewer Training 28
4.1.3 Interviewing Procedures 28
4.1.4 Data Collection Quality Control 30

4.2 Response Rates 31

4.2.1 Screener Response Rate 31

CONTENTS--Continued

Chapter **Page**

4.2.2 Extended Interview Response Rate 32

4.3 Item Response in the Adult Education Interview 36

V. Data Preparation **41**

5.1 Coding and Editing Specifications 41

5.1.1 Range Specifications 41
5.1.2 Consistency Checks 42
5.1.3 Structural Edits 42

VI. Guide to the Data Files and Codebooks **43**

6.1 Content and Organization of the Data Files 43
6.2 Variables 43

6.2.1 Names, Labels, and File Layout Positions 44
6.2.2 Missing Values for Variables 44

6.3 Composite Variables 45

6.3.1 Missing Values for Composite Variables 45
6.3.2 Composite Variables on the Adult File 46
6.3.3 Composite Variables on Both the Adult File and the Course File 52

6.4 Guide to the Codebooks 53
6.5 SAS and SPSS-X Control Card Listings for File Creation 53

CONTENTS--Continued

Chapter **Page**

VII. Data Anomalies **55**

7.1 Courses Taken in the Past 12 Months 55
7.2 Barriers to Adult Education Participation 55
7.3 Labor Force Status for Retired Adults 56

Appendices

Appendix A: Questionnaire A-1
Appendix B: Variable Lists B-1
  Adult File Variables B-3
  Course File Variables B-13
Appendix C: Control Cards C-1
  Adult File SAS Control Cards C-3
  Course File SAS Control Cards C-29
  Adult File SPSS-X Control Cards C-43
  Course File SPSS-X Control Cards C-77
Appendix D: Guidelines for Using SAS and SPSS-X D-1
Appendix E: SAS Code for Composite Variables E-1
Appendix F: Codebooks F-1
  Adult File Codebook F-3
  Course File Codebook F-91

CONTENTS--Continued

LIST OF TABLES

Table		Page
3-1	Control totals for adult education raking	22
4-1	Number of telephone numbers dialed, by residential status and screener response rate	33
4-2	Number of telephone numbers dialed in the screener, by response status and response rate	34
4-3	Number of enumerated and completed interviews, by completion rate and response rate	35
4-4	Number of sampled adults, by response status and completion rate	38
4-5	Item response rates for the adult education interview	39

LIST OF FIGURES

Figure		
1-1	Flow of NHES:91 interviews	6
2-1	Flow of NHES:91 screener	8
2-2	NHES:91 Adult education interview	10
6-1	Example of the codebook format	54

I. INTRODUCTION

This manual provides documentation and guidance for users of the public release data files for the Adult Education (AE) component of the 1991 National Household Education Survey (NHES:91). Information about the purpose of the study, the data collection instruments, the sample design, and data collection and data processing procedures is contained in this manual. More detailed discussions of these topics can be found in *National Household Education Survey: 1991, Methodology Report*.

The NHES:91 was a random-digit-dial telephone survey developed by the National Center for Education Statistics (NCES) and conducted by Westat, Inc. The survey was field tested in 1989, and data for the full-scale study were collected between late January and early May of 1991.

1.1 Background of Study

The National Household Education Survey is the first major attempt by NCES to go beyond its traditional school-based data collection systems to a household survey. The Center's legislative mandate is to collect and report information on the condition of education in the United States. Historically, NCES has primarily collected data from teachers, students, schools, school districts, and state education agencies in fulfillment of this mandate. The collection of data directly from noninstitutional samples of individuals, particularly household-based data collections, has been limited.

The NHES represents a new initiative for NCES and holds the promise of greatly enhancing the scope of issues covered by the data collection activities of the Center. A household survey has the potential to provide data needed to address many current issues in education, such as dropping out of school, preschool education, access to postsecondary education, adult and continuing education, the status of former teachers, extra-school learning, and home-based education.

1.2 Components of NHES:91

There were two general components of the NHES:91. The first of these was the Early Childhood Education (ECE) component, concerned with the experiences of 3- to 8-year-old children. The second component pertained to the participation in adult education among persons

16 years of age and older. The following sections provide overviews of each of these two components.

Early Childhood Education Survey

The early childhood experiences of children have been shown to have a strong influence on their later academic achievement and persistence, but limited national information was available on these experiences. The NHES:91 ECE component provides nationally representative data on these early experiences. In addition, the survey provides data that will help in tracking progress toward meeting the National Education Goals, one of which is that "by the year 2000, all children in America will start school ready to learn." Repeated administrations of the ECE component will permit observation of changes in early childhood experiences.

The ECE component of the NHES:91 takes a broad approach. This component was designed to collect information on children's experiences in a wide range of settings, including their homes, child care arrangements, early childhood education programs, and schools. In addition, the range of experiences covered in the survey is broad and includes cognitive activities (e.g., reading, learning letters, words, and numbers); developmental activities (e.g., singing songs, arts and crafts); and entertainment activities (e.g., games and sports, television viewing, attendance at movies, plays, concerts). This broad approach permits analysis of the variety of experiences that children have as well as the types of experiences, both of which may be important determinants of school readiness and success.

The NCES:91 ECE survey is a source of information on the following topics:

- Child care and early childhood program experiences;
- Kindergarten and elementary school entry;
- Retention in early grades;
- Parental involvement in center-based programs and school;
- The educational environment in the home; and
- Household and family characteristics.

Adult Education Survey

The second component of the NHES:91 was designed to measure participation in adult education activities, to describe these activities, to provide data on the characteristics of participants and nonparticipants, and to determine why some adults participate while others do not. Another of the National Education Goals is that "by the year 2000, every adult American will be literate and possess the knowledge and skills necessary to compete in a global economy." The Adult Education (AE) component provides much information relevant to this goal.

The AE component of the NHES:91 incorporated and expanded upon the kinds of data that were collected in previous surveys on adult education designed by NCES and conducted by the Bureau of the Census. A broad definition of adult education was used. It included persons enrolled full-time or part-time in a college, or vocational or occupational program, those taking continuing education or noncredit courses, correspondence courses, and tutoring, as well as those taking courses or participating in other educational activities provided by employers, community groups, and other providers. The AE survey covered the following topics:

- Participation in adult education activities in the past year, the past 3 years, and ever;
- Characteristics of adult education courses or activities, including: course title, basic skills and training content, degree requirement fulfillment, sponsor, employer involvement, payment source, and others;
- Perceived benefits to participation in adult education of both participants and nonparticipants;
- Perceived barriers to participation in adult education of both part-time participants and nonparticipants; and
- Background characteristics of participants and nonparticipants.

1.3 Overview of Design

The NHES:91 was developed to provide reliable estimates for each of the two different sectors of education policy interest described above. The inclusion of two survey topics made the overall survey more cost effective, thus allowing for larger sample sizes that lead to more precise estimates. This strategy was key to the NHES design. By including more than one topic within the framework of a single survey, the screening of households to find those eligible for the study could be partitioned over the component surveys.

Another general feature of the NHES was developed in response to concerns about the demands placed upon the respondents to surveys. With the introduction of multiple surveys within a single framework came the possibility of increasing the response burden on the members of the sampled households. It was possible that the same household member could be sampled for more than one interview or that more than one household member could be sampled. In the NHES:91, parents of children could respond for more than one child and could also be sampled for the AE survey. To help alleviate this response burden and to improve the response rate for the component surveys, additional sampling was used for the AE component. Households with 2- to 9-year-old children, selected with certainty for the ECE survey, were given a smaller chance of being selected for the AE survey. The objective was to reduce the chance of multiple interviews within a household and still obtain the required information in a cost-effective manner.

Even though sampling methods were used to reduce the chances of selecting the same household for more than one survey, the administration time of the interview was considered to be a critical factor in obtaining high response rates and reliable estimates. The number of items included in the NHES:91 was limited in order to help improve response rates and reduce the demands made on survey respondents.

Because of these requirements and the need to produce estimates of high quality in a timely manner, the NHES:91 was conducted using computer-assisted telephone interviewing (CATI) technology. Some of the advantages of CATI for the NHES:91 included improved project administration, online sampling and eligibility checks, scheduling of interviews according to a priority scheme to improve response rates, and managing data quality by controlling skip patterns and checking items for logic online.

Three different interviews were included in the NHES:91. These instruments were the Screener, the Early Childhood Education (ECE) interview, and the Adult Education (AE) interview. The three instruments were programmed so that the appropriate items appeared on the interviewer's computer screen depending upon the respondent's answer to each query. The Screener and AE instruments are discussed in detail in Chapter 2. A separate Data User's Manual has been prepared for the ECE component.

Flow of the Interviews

Figure 1-1 shows the flow of the NHES:91 interviews. Each household contact began with a Screener. In this interview, basic household information was obtained and a sampling of members for extended interviews was conducted.

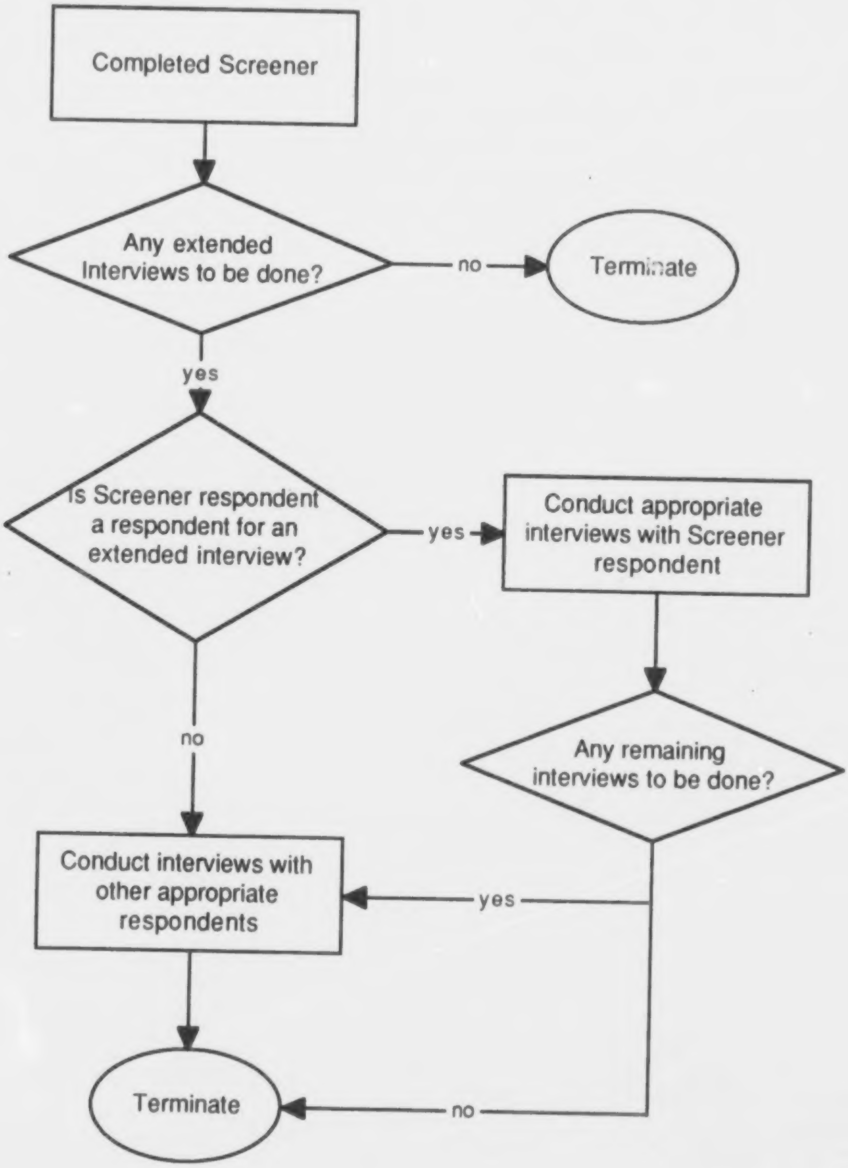
If the household contained any members between 2 and 9-years old, then an extended ECE interview was conducted with the parent or guardian most knowledgeable about each child's care and education. ECE interviews were scheduled for each child in the household who was in the eligible age range; whenever possible, all interviews with household members were conducted in the same call as the Screener, starting with any extended interviews with the Screener respondent.

The sampling of households for AE screening and individual adults for interviews was accomplished using the information collected in the Screener. If any adult was sampled, then an extended AE interview was scheduled for that person. The interview could be conducted with the sampled adult only; no other person could respond for the sampled person. It was possible that more than one adult could be selected for an extended AE interview within a given household.

Contents of Manual

The chapters that follow provide additional information about the survey instruments (Chapter 2), the sample design and estimation procedures (Chapter 3), data collection (Chapter 4), data preparation (Chapter 5), and the use of the AE data files and codebook (Chapter 6). Anomalies identified in the data are highlighted in Chapter 7. The appendices provide copies of the questionnaires, listings of variables, listings of SAS and SPSS-X control cards, a guide to using SAS and SPSS-X, the SAS code for composite variables, and the codebooks for the AE data files.

Figure 1-1.--Flow of NHES:91 interviews


Completed Screener
Any extended Interviews to be done?
no
Terminate
yes
Is Screener respondent a respondent for an extended interview?
yes
Conduct appropriate interviews with Screener respondent
no
Any remaining interviews to be done?
Conduct interviews with other appropriate respondents
yes
Terminate
no

II. DESCRIPTION OF DATA COLLECTION INSTRUMENTS

The sections that follow describe the instruments used to collect data for the Adult Education (AE) component of the NHES:91. Included are descriptions of the Screener and AE interview. Appendix A contains copies of the questionnaires.

2.1 The NHES:91 Screener

The purposes of the NHES:91 Screener were to identify those households that were eligible for the survey; to collect information required for sampling adult household members for the AE survey in those households sampled for the AE component; and to collect a limited set of household characteristics. The Screener was designed to accomplish these tasks efficiently, placing minimum burden on the respondent (Figure 2-1).

The Screener questionnaire was designed to flow smoothly through the following steps:

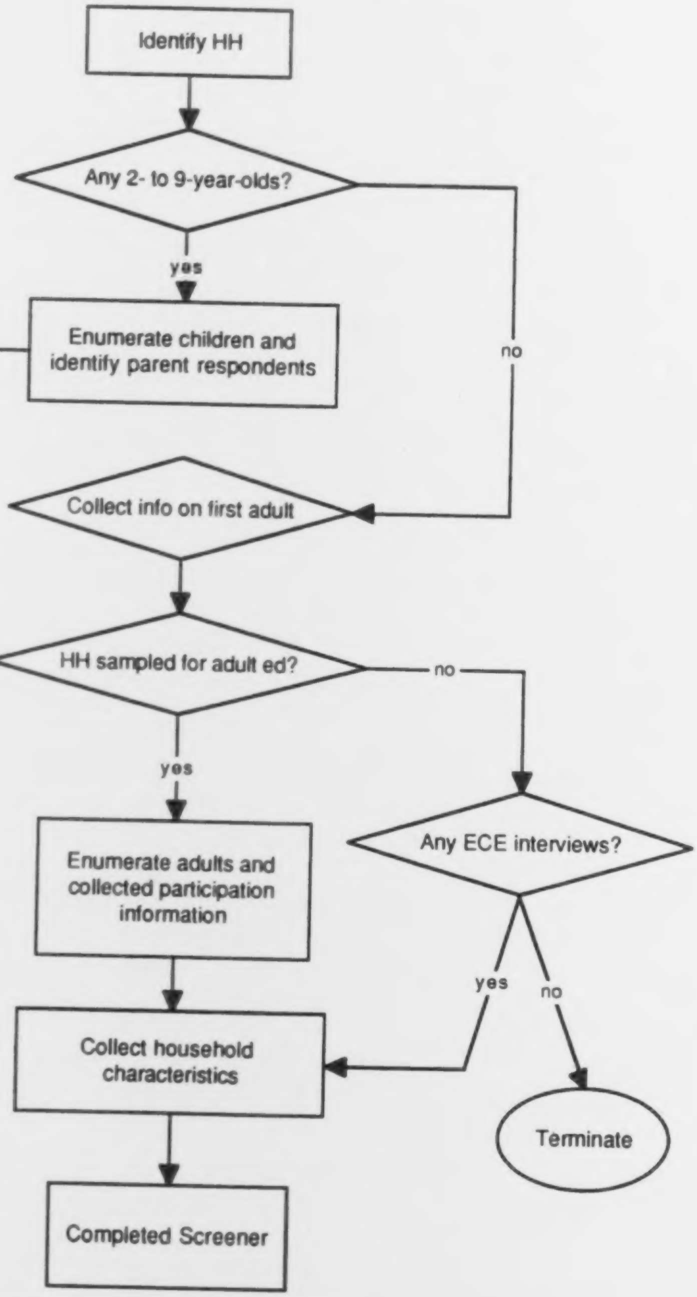
- Explain the purpose of the call;
- Verify that the phone number was dialed correctly and that the number reached was used for residential, or both residential and business purposes;
- Verify that the Screener respondent was an adult member of the household at least 16 years old;
- Obtain basic identifying information about each 2- to 9- year-old in the household;
- Obtain the identifying information and educational participation information for persons 16 and older (in about one-third of all households); and
- Obtain basic information about all eligible households.[1]

Additional information on each of these sections of the NHES:91 Screener follows.

---

[1] An eligible household is a household with at least one resident who was selected for an extended interview.

Figure 2-1.--Flow of NHES:91 screener


Identify HH
Any 2- to 9-year-olds?
yes
no
Enumerate children and identify parent respondents
Collect info on first adult
HH sampled for adult ed?
yes
no
Enumerate adults and collected participation information
Any ECE interviews?
yes
no
Collect household characteristics
Terminate
Completed Screener

The first series of questions in the Screener was used to determine that the correct telephone number was reached, that it belonged to a household, and that the person on the telephone was eligible to answer the questions. If the correct number was not reached, or was used for business only, the call was terminated. Numbers used for household use only, or for business and household use, continued with the survey. If the person who answered the telephone was not a household member or was a household member under 16 years of age, an appropriate Screener respondent was requested.

Early Childhood Screening. The next series of Screener items concerned children in the household. First, a screening question to determine whether any 2- to 9-year-old children lived in the household was asked. If so, the childhood section of the Screener continued. The items asked about each 2- to 9-year-old were kept to a minimum and included age, sex, name, race-ethnicity, and the name and relationship of the knowledgeable parent or guardian. Though the ECE is concerned with the experience of 3- to 8-year-olds, a broader age range was used to ensure that children of the appropriate age were captured despite some expected reporting error among some Screener respondents. If there were no children in the eligible age range, and the household was not sampled for AE screening, the Screener interview was terminated at this point.

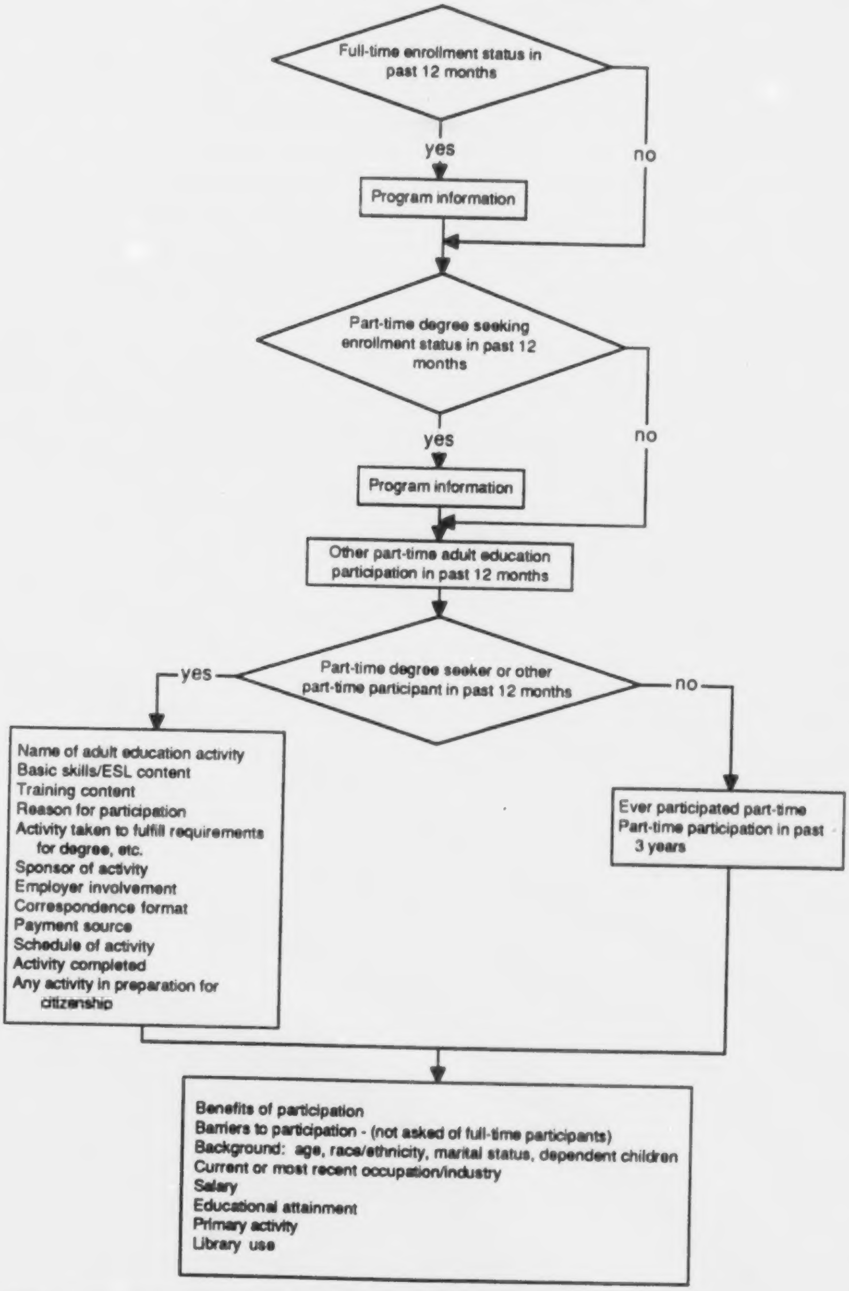
Adult Education Screening. A sample of households was selected for AE screening. The AE screening questions were also kept to a minimum, in order to keep the response burden as low as possible. For each adult in the household, a small set of characteristics was collected (age, sex, race-ethnicity). Then, a series of questions was used to determine the current adult education participation status of each adult. For those sampled adults who were living away at school, contact information was requested. This permitted calls to sampled students at their school telephone numbers for extended AE interviews.

Household Characteristics. The final section of the Screener collected data on a variety of household characteristics including the number of persons living in the household, county, home type, household income, and the presence of additional telephone numbers. These were collected only from households in which at least one child or adult was sampled for an extended interview.

2.2 Adult Education Interview

The NHES:91 AE interview was designed to collect information about adult education activities from both participants and nonparticipants who were 16 years old or older (Figure 2-2). First, information was collected to determine enrollment status and adult education partici-

Figure 2-2.--Adult education interview


Full-time enrollment status in past 12 months
yes
no
Program information
Part-time degree seeking enrollment status in past 12 months
yes
no
Program information
Other part-time adult education participation in past 12 months
Part-time degree seeker or other part-time participant in past 12 months
yes
no
Name of adult education activity
Basic skills/ESL content
Training content
Reason for participation
Activity taken to fulfill requirements for degree, etc.
Sponsor of activity
Employer involvement
Correspondence format
Payment source
Schedule of activity
Activity completed
Any activity in preparation for citizenship
Ever participated part-time
Part-time participation in past 3 years
Benefits of participation
Barriers to participation - (not asked of full-time participants)
Background: age, race/ethnicity, marital status, dependent children
Current or most recent occupation/industry
Salary
Educational attainment
Primary activity
Library use

pation in the past 12 months and to classify respondents as participants or nonparticipants. From participants, information about the number of courses taken in the past year and the details of these courses were collected. From nonparticipants, information on lifetime part-time participation and the reasons for nonparticipation were collected. Perceived benefits to participation were collected from both participants and nonparticipants. Perceived barriers to participation were collected from part-time participants and nonparticipants. Finally, some background information was collected.

The following sections describe the AE questionnaire items.

Full-time or Part-time Enrollment Status in the Past 12 Months. These items were asked of all respondents. The series included items parallel to those in the Screener and was used to determine the respondent's enrollment status. Full-time students and part-time degree-seeking students were asked about their degree plans, programs of study, and numbers of courses. If the AE interview respondent was also the Screener respondent, the items the respondent already answered in the Screener were not asked again; the CATI system skipped them automatically.

Adult Education Participation in the Past 12 Months. These items were also asked of all respondents. They included questions about participation in what are widely considered to be conventional adult education activities, and the total number of courses of this type taken. Items about both full-time and part-time participation were required to determine respondents' intensity of involvement.

Details of Four Most Recent Adult Education Courses. These items were asked of persons who participated in adult education activities on a part-time basis in the 12 months prior to the interview. They were used to address questions about the basic skills, English as a Second Language, and training content of adult education courses or activities; the reason for participation (e.g., to fulfill degree requirement, obtain a license, or in preparation for citizenship); employer involvement in activities; and activity schedule and completion.

Participation Ever and in Past 3 Years. This series of questions was asked of persons who had not participated in part-time adult education activities in the previous 12 months. The series was used to determine how many adults participated in part-time adult education at some time, and how recent that participation was.

Benefits to Participation. These questions were asked of both persons who had participated in adult education activities in the previous 12 months and those who had not participated. The series also includes an item about possible job or career benefits to taking (or taking additional) adult education activities, possible basic skills benefits, and possible use of adult education to obtain or renew a license.

Barriers to Participation. A single question was asked of all but full-time participants about barriers to their participation in adult education (or additional adult education). Specific items asked participants if work schedule, meeting times of classes, cost of classes, location of classes, lack of transportation to classes, lack of child care, other family responsibilities, lack of information about available classes, classes of interest not being offered, or some other reason had kept them from participating in any or additional adult education activities.

Background. This series collected basic demographic information, including birth month and year, marital status, race, ethnicity, sex, and presence of dependent children in the home. It also included items necessary to categorize respondents by labor force participation and current or most recent industry and occupation according to the Current Population Survey (CPS) and Department of Labor definitions. The highest grade or year of school completed was also collected. If the highest grade was "vocational-technical school after high school" or "some college," an additional question was asked to determine whether the respondent received a high school diploma or equivalent. Finally, a single item was asked of all respondents to determine how adults with multiple roles chose to define themselves--as students, workers, or as something else.

III. SAMPLE DESIGN AND IMPLEMENTATION

This chapter describes the sample design for the NHES:91, including a number of special features of the design. Also presented are the procedures for weighting to national estimates, imputation for missing values on selected variables, and variance estimation.

3.1 Sampling Households

The NHES:91 was designed to provide reliable estimates of the number and characteristics of the early childhood education experiences of 3- to 8-year-olds and the number and characteristics of the educational experiences of adults. These component surveys of the NHES:91 were conducted entirely by sampling, contacting, and interviewing persons by telephone.

The method of sampling used in the NHES:91 is one type of the class of methods called random digit dialing (RDD). The basic concept of RDD procedures is that every residential telephone number has a chance of being sampled through a random sampling mechanism. Mitofsky and Waksberg[1] developed a RDD sampling procedure that yielded a sample in which each household had an approximately equal probability of selection and which significantly reduced the number of telephone calls that had to be made relative to previously used RDD procedures. A variant of the basic Mitofsky-Waksberg procedure was used in the NHES:91. The modification will be described after the Mitofsky-Waksberg method is presented.

The basic method of sampling for RDD is quite simple. A list or frame of all existing telephone area codes and prefix numbers (the first three digits of the telephone number) in the 50 states and the District of Columbia was determined based on data tapes obtained from AT&T in November of 1990. All possible two-digit numbers were added to these numbers to form a complete list of all the possible first 8 digits of the 10 digits of phone numbers in the United States. These eight-digit numbers were treated as Primary Sampling Units (PSUs) or clusters.

A random selection was made from the list of PSUs and a random two-digit number was added to the sampled number to create a full 10-digit telephone number. This 10-digit number is called a prime number. The prime number was then dialed to determine if it was residential. If the number was residential, then the PSU was retained in the sample and other sample numbers were generated from the cluster. If the prime number was not residential, then the PSU was rejected and no further calls were made within that PSU.

---

[1] Waksberg, J. "Sampling Methods for Random Digit Dialing," *Journal of the American Statistical Association*, March 1978.

The sampling procedure was repeated until a sample of m residential PSUs were obtained. For the NHES:91, an oversampling method was used so that the probability of selection for the PSUs was not exactly as described above. The oversampling method and its implications are discussed below.

The next step of the sampling procedure was the sampling of additional telephone numbers from the retained residential PSUs. The additional telephone numbers were generated by adding random two-digit numbers to the eight-digit PSU number. In the basic Mitofsky-Waksberg procedure, as many additional telephone numbers are generated as needed to achieve the desired number of completed interviews (k+1) within each PSU. Thus, the total number of completed interviews is m(k+1). This procedure results in a sample which is approximately self-weighting (i.e., equal weights).

The sample is clustered within PSUs in order to effect a significant cost savings. Waksberg showed that the number of telephone numbers that need to be dialed is less than 50 percent of the number that would be needed if all numbers were dialed at random.

The basic Mitofsky-Waksberg procedure is sequential. It is not possible to determine in advance how many telephone numbers are needed in each cluster to achieve a sample of k+1 households. A new determination must be made after each telephone call to the PSU. This procedure can be awkward to implement, especially when the survey must be conducted within a limited amount of time, as was the case with the NHES:91.

An alternative RDD sampling method was used in the NHES:91 to help avoid these difficult operational issues. The variant of the Mitofsky-Waksberg procedure used in the NHES:91 required the use of a fixed number (k+1) of telephone numbers per cluster rather than a fixed number of completed interviews. The modified method produces a probability sample, but it is not self-weighting. The statistical properties of the modified Waksberg method are described in detail by Brick and Waksberg[2].

The number of households with completed screening interviews targeted for the NHES:91 was 60,000 (m(k+1)). This sample size was determined by the sample size requirements of the ECE component of NHES:91, which had the sample size requirements for the rarest population in the study. A sample of 4,000 clusters (m) of telephone numbers were selected, so that approximately 15 completed Screeners (k+1) were planned per cluster.

---

[2] Brick, J.M. and Waksberg, J. "Avoiding Sequential Sampling with Random Digit Dialing," *Survey Methodology*, June 1991.

Since not every telephone number within a sampled cluster yields a household and not every household is willing to participate in the study, a sample of 120,000 telephone numbers were generated for NHES:91 with 30 numbers selected randomly from each sample cluster. The 120,000 numbers were selected based on assumptions of a within-cluster residency rate of 60 to 65 percent and an 80 percent participation rate (the participation rate is the percent of households willing to answer the data items for the Screener). Therefore, the targeted number of completed Screeners was 60,000 (120,000 x .625 x .80).

These assumptions proved to be very reliable. The achieved within-cluster residency rate was 60 percent, and the participation rate was 81 percent. The number of participating residential households was 60,314. The specific outcomes from the survey operations are given in detail in a later section.

The next step in the sampling process was the selection of members of the sampled households for extended ECE interviews and AE interviews. Before describing the sampling of adults for the AE survey, the oversampling of clusters is discussed.

Oversampling Households for Blacks and Hispanics

One of the goals of the NHES:91 was to produce reliable estimates of the characteristics of children's early educational experiences and adults' educational activities for totals and for subdomains defined by race and ethnicity. In a sample of 60,000 households in which every person has the same probability of being included, the sample size is not large enough to produce reliable estimates of some characteristics of blacks or Hispanics. Therefore, blacks and Hispanics must be oversampled to increase the reliability of estimates for these domains.

In the 1989 field test, the use of a particular method of oversampling blacks and Hispanics was examined. This method was successful in reducing the variances of the estimates of blacks and Hispanics by approximately 20 to 30 percent over the range of statistics examined. The decrease in precision for estimates of the groups that were not oversampled and for estimates of totals were modest, about 5 to 15 percent. Because of the success of the field test methodology, the same basic procedure was used for the NHES:91.

A data tape containing the 1980 census characteristics for telephone exchanges and updates of the census items was purchased from the Donnelley Marketing Information Services in the summer of 1990. The most current list of all telephone exchanges was obtained from AT&T in November 1990, as discussed above. A sample of 40,000 clusters was selected randomly from the AT&T tape and matched against the clusters on the Donnelley file. The sample was drawn to avoid the computational costs associated with matching the entire AT&T file. The results of this matching operation are given below, where high minority concentration is defined as having more than 10 percent of the population black or more than 10 percent Hispanic:

Not found on Donnelley	6,128
Classified as low minority concentration	21,695
Classified as high minority concentration	12,177
Total	40,000

Those clusters not found on the Donnelley tape were classified as low minority concentration for sampling purposes.

Telephone exchanges with high minority concentrations were then oversampled at a rate of 2 to 1. The definition of high minority concentration and the oversampling rate were established based on research which looked at seven possible sampling schemes using 10 percent and 20 percent cutoffs for high minority concentrations and oversampling rates of two and three times the basic rate. The research balanced the increases in the sample size for blacks and Hispanics, against the losses in precision associated with the use of differential sampling rates.[3]

A sample of 1,867 high minority residential clusters and 2,133 low minority residential clusters was targeted. Using a sampling rate for the high minority concentration clusters that was twice the rate of the other clusters, 9,335 high minority clusters and 12,065 low minority clusters were randomly selected from the 40,000 clusters sampled from the AT&T tape. Of the 9,335 high minority clusters, 2,638 were identified as residential (28 percent). Of the 12,065 low minority clusters, 2,155 were identified as residential (18 percent). The sample clusters were then randomly selected from the clusters identified as residential to achieve the targeted numbers.

The oversampling for the procedures was done by exchange or cluster rather than being restricted to black and Hispanic households, i.e., the sampling rate within a cluster was constant. It would have been possible to subsample nonblack and non-Hispanic households in high minority clusters to create a self-weighting sample for persons who are not black or Hispanic.

---

[3] See *National Household Education Survey:1991, Methodology Report* for more information.

This procedure would not have been efficient for the ECE component, because it would have involved dropping screened households and the screening to find households with 3- to 8-year-olds was the largest component of the data collection costs.

For the AE component, it was feasible to make the sampling rate dependent upon the race and ethnicity of the household. This procedure was efficient here because only a sample of the 60,000 households was needed to achieve the targeted sample size. The subsampling of the 60,000 households was done differentially in the oversampled clusters in order to reduce the adverse effects of the oversampling of nonblack and non-Hispanic persons in high minority clusters. In essence, the use of this subsampling procedure reduced the variability in the probabilities of selection for people with the same race and ethnicity that is introduced by oversampling clusters at different rates.

The subsampling for the AE screening worked as follows. In the low minority concentration areas, two subsampling rates were used. If the household respondent was not black or Hispanic, then the subsampling rate was .6, but if the household respondent was black or Hispanic then the household was included with certainty (the subsampling rate was 1). Two subsampling rates were also used in the high minority clusters. If the household respondent was not black or Hispanic the subsampling rate was .3; if the household respondent was black or Hispanic the subsampling rate was .6.

3.2 Sampling Within Households for the Adult Education Survey

In the AE survey, there were several stages of sampling implemented with the goals of obtaining the desired sample size by type of adult, reducing the amount of time required for any one household to respond to the entire data collection effort, and reducing some of the adverse effects on the variance of estimates due to the oversampling of areas (i.e., exchanges) with high concentrations of blacks and Hispanics. In addition, some of the specific sampling rates used in the AE component were modified during the course of the study. The explanation and rationale for these changes are given after the original plans are discussed.

The original target sample sizes for the AE survey were 8,750 completed interviews with adults (age 16 years or older) who participated in at least one adult education course or activity during the past 12 months (including full-time degree-seeking students) and 2,800 interviews with persons who had not participated in the past 12 months. More than 110,000 adults would have been included in the survey if all adults in each of the 60,000 participating sampled households had been scheduled for interview.

Assuming that there are 1.9 adults per household (from the 1988 CPS estimates), a sample of 31,000 participating households was estimated to be able to provide a sample of 50,000 eligible participating adults if the response rate to the extended interview was 85 percent (31,000 x 1.9 x .85). If 15 percent of the adults were adult education participants (excluding only the full-time degree-seeking participants) based on the May 1984 CPS Adult Education Supplement, and all of these adults were sampled for extended interviews, then the sample was expected to yield 7,500 completed interviews with adult education participants excluding those enrolled full-time seeking a degree. Assuming 5 percent of the adults were enrolled as full-time degree-seeking students and these participants were subsampled at a rate of 50 percent, then the sample was expected to yield 1,250 such participants. Thus, the sample yield for both types of participants was expected to be 8,750. Subsampling the nonparticipants (the remaining 80 percent of the population of adults) with a sampling rate of 7 percent was expected to produce about 2,800 completed nonparticipant interviews.

Given these expectations, the sampling procedure for subsampling the 60,000 households screened for the ECE survey to 31,000 households required for the AE survey was established. The first goal was to eliminate the differential sampling for nonblack and non-Hispanics in clusters that were oversampled. This was accomplished using the procedures described in the oversampling section, above. The second goal was to reduce the number of interviews that one household was required to complete. This was accomplished by applying a subsampling rate of 50 percent for households with any children 2 to 9 years old. In other words, if the household had children between the ages of 2 and 9 years, then the chances of the household being sampled for the AE component were reduced by a factor of 2.

Within the households sampled for AE, each adult over the age of 15 was enumerated (including those living away from home in school housing) and an adult household member was asked a series of items about each adult's educational participation over the past 12 months. Adults currently enrolled as a high school student were not sampled (they were ineligible for the survey by definition). Participants in adult education, excluding full-time degree-seeking students, were included with certainty. Full-time degree-seeking students were sampled at a rate of 1 in 2, and nonparticipants were sampled at a rate of 7 percent.

When the results of the first month of data collection were analyzed, it was clear that some of the design parameters used in planning the study were not appropriate. The major sampling and yield concern was the percent of adults identified as being adult education participants. The data from the first month revealed that about 28 percent of all adults indicated that they had participated in adult education activities over the past 12 months (excluding full-time degree-seeking students), rather than the 15 percent assumed based on the 1984 CPS. If this rate persisted and no changes were made to the sampling plan, then the number of completed interviews would have doubled and the number of nonparticipant interviews would have decreased by about 20 percent.

Based on these early results, changes were made in the sampling rates for screening households for the AE component. The number of sampled households screened for the AE component was reduced by excluding the screening in 30 percent of the telephone numbers in each cluster. The 30 telephone numbers in each cluster had been originally randomly sorted and placed into 30 "waves" corresponding to an assigned rank in the cluster. The waves were released as work was required to accommodate the telephone center interviewers. Since the numbers (ranks) were assigned to waves randomly, the subsampling was achieved by not doing the AE screening in 9 of the 30 clusters which had not yet been released for interviewing at the time of the decision to change the sampling rate. In addition, the sampling rate for nonparticipants was increased from 7 percent to 12 percent to try to offset the yield loss in this category.

Under the revised sampling procedure, we had hoped to achieve a sample of 11,900 AE participants and nearly the originally planned number of 3,000 nonparticipants. However, the planned numbers were not completely achieved for two reasons. First, when the revised sampling plans were specified, the impact of the subsampling in households with children was not included; thus, the number of households sampled for adult education screening was lower than the plan assumed. Second, the percent of adults participating in adult education observed in the first month was about 2 percent higher than the final percent. This variation in participation status also reduced the number of interviews below the projected totals.

Altogether, 18,463 households were screened for the AE component. In these households, 35,578 adults (16 years of age and older not enrolled full-time in elementary or secondary school) were enumerated for an average of 1.9 adults per household. At the Screener, 11,584 of these adults were determined to be adult education participants (excluding full-time, degree-seeking students) and were scheduled for extended interviews; 28 others were enumerated and sampled, but later found to be ineligible. Extended interviews were scheduled for 880 of the 1,794 full-time degree-seeking students. Finally, 1,730 of 22,172 adults (4 of which were later found to be ineligible) determined to be nonparticipants were scheduled for extended interviews.

The total number of completed AE interviews was 12,568, which included 9,774 participant interviews and 2,794 nonparticipant interviews. The classification for these interviews is based on the data collected in the extended AE interview. The participation status of the adult as determined from the Screener was used for sampling and weighting purposes only. Once the adult was sampled for an extended interview, the interview was conducted based on the responses of the adult, irrespective of the participation status established in the Screener.

3.3 Weighting Procedures

The objective of the NHES:91 is to make inferences about the entire civilian, noninstitutionalized population for the domains of interest. The estimates derived from the sample of telephone households were adjusted to totals which include both telephone and nontelephone households to support this goal.

The estimation or weighting procedures are described in steps. The first step was the weighting associated with the sample of telephone numbers. This weight was basically the inverse of the probability of selecting the household by the RDD method used in this study. The subsequent steps were person-level weighting, i.e., weighting to adjust to the required person-level totals. These methods included the adjustment of the estimates to independent totals from the March 1991 Current Population Survey (CPS).

The household weight was developed to account for the RDD sampling of telephone numbers, including the sampling rate differences by minority concentration strata. The weight was also adjusted for households that had more than one telephone number, and hence had more than one chance of being in the sample. For the AE survey, the basic household weight was also adjusted to reflect the subsampling of households for the enumeration of adults.

Person Weights for Adults in the Military

The NHES:91 inference population is the noninstitutionalized, civilian population of the United States. The sample did include some members of the armed services who were living in their own homes outside of military living quarters (n=135). These adults were assigned weights of zero, since they are not included in the population of interest.

Person Weights for Adults 20 Years of Age and Older

In sampling for the AE component of the NHES:91, adults were sampled from within households differentially depending on their adult education participation status. The base person weight assigned to each sampled adult was the household weight multiplied by the inverse of the probability of selecting the adult for the extended interview. The sampling rates for adults differed by the participation status of the adult in education activities over the last 12 months. Information from the Screener on the adult education participation of all adult household members was used to set the sampling rates for the extended interviews.

The final weight for each completed interview with an adult over the age of 20 years was computed by adjusting this base person weight to known totals using a raking procedure. The main purposes of raking were to adjust for nonresponse and the undercoverage due to sampling only telephone households. The control totals were formed by taking the control totals used for the March 1991 CPS and allocating them based upon the characteristics estimated from the October 1990 CPS. The control totals were defined by home type (i.e., owned or rented) crossed with region, race-ethnicity crossed with income, and category of age. The raked weights were formed by iteratively modifying the person weights so that they corresponded to the control totals. The control totals for each of these dimensions are given in Table 3-1. For adults aged 20 years and older, the sum of the weights is 175,772,592 and the standard error is 31.17.

Person Weights for Adults Under 20 Years Old

The weighting scheme for adults under 20 years old was different from that used for older adults. A substantial proportion of adults between 16 and 19 years old were currently enrolled in elementary or secondary school and thus ineligible for the survey. Therefore, the weights for this domain were handled separately.

A two-step weighting procedure was used. The first step involved poststratifying all the enumerated adults between 16 and 19 years old in the sampled households to the CPS control totals by race-ethnicity and household income (see Table 3-1). This adjustment was made prior to introducing the within household sampling weights, since the adjustments were made to all enumerated adults, not the sampled adults.

This procedure adjusted the weights for undercoverage but not for extended interview nonresponse. The second step was to apply adjustments to the weights for sampling adults within households and for extended interview nonresponse. Since the participants and the nonparticipants had significantly different completion rates, the adjustment for each group was the inverse of the completion rate in that group. For persons under age 20, the sum of the weights is 6,202,616 and the standard error is 13,601.

Table 3-1.--Control totals for adult education raking

Dimension 1 for raking adults 20 years and older

Home type	Census region	Control total
Owned or other	Northeast	25,694,908
Owned or other	Midwest	31,673,234
Owned or other	South	43,229,581
Owned or other	West	23,351,769
Rented	Northeast	11,167,416
Rented	Midwest	10,695,691
Rented	South	16,865,190
Rented	West	13,094,804
Total		175,772,592

Dimension 2 for raking adults 20 years and older

Race-ethnicity	Household income	Control total
Non-Hispanic/nonblack	Less than $10,000	18,079,107
Non-Hispanic/nonblack	$10,000-24,999	35,893,024
Non-Hispanic/nonblack	$25,000 or more	89,667,320
Hispanic	Less than $10,000	2,873,083
Hispanic	$10,000-24,999	4,612,733
Hispanic	$25,000 or more	5,580,541
Black/non-Hispanic	Less than $10,000	5,710,357
Black/non-Hispanic	$10,000-24,999	5,887,765
Black/non-Hispanic	$25,000 or more	7,468,662
Total		175,772,592

Dimension 3 for raking adults 20 years and older

Age	Control total
20 to 29 years	38,263,822
30 to 49 years	74,509,229
50 years and older	62,999,541
Total	175,772,592

Dimension for 16- to 19-year-old poststratification

Race/ethnicity	Tenure	Control total
Non-Hispanic/nonblack	owned or other	7,635,172
Non-Hispanic/nonblack	rented	2,356,867
Hispanic	owned or other	630,514
Hispanic	rented	786,222
Black/non-Hispanic	owned or other	1,074,33
Black/non-Hispanic	rented	987,298
Total		13,470,405

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), spring 1991.

3.4 Computing Sampling Errors

Even though the NHES:91 was an RDD survey, the direct estimates of sampling errors for the estimates cannot be based on the assumptions of simple random sampling. Various factors, including sampling adults in a household with different probabilities, oversampling to improve estimates of blacks and Hispanics, clustering of sampled persons within households, the use of the modified Waksberg approach, and nonlinear estimation procedures, all contribute to deviations from simple random sampling.

One method used for computing sampling errors to reflect these aspects of the sample design and the estimation procedures is called jackknife replication. In this method, the sample is divided into groups of replicates based upon the original sample of phone numbers. A replicate weight is developed for each replicate sample using the same procedures used for the full sample. This procedure is repeated for each replicate.

Estimates are then produced for each replicate using the replicate weights and compared to the full sample estimate in order to estimate the sampling error of the statistic. The computation of the replicate estimates, comparison to the full sample estimate, and the computation of the estimated sampling error for the statistic was done with the SAS software WESVAR under the JK1 option.

Replicate weights were created for the raked weights for the AE survey. A total of 50 replicate weights were created. All of the steps used in creating the full sample weights were done for each replicate weight, including the final stage of raking. In order to support the estimation of sampling errors by Taylor series methods, a stratum and PSU variable were created and assigned to the completed interviews. The stratum and PSU variables were based on the sample as selected.

Approximate Sampling Errors

The sampling errors of estimates from the NHES:91 can be directly computed using either of the techniques described above. For many applications, a simple approximation of the sampling errors can be used instead of these more computationally expensive methods.

The approximation is based upon the actual computation of variances of estimates from the AE. The estimates and the variances of the estimates were computed for a large number of statistics (over 2,500 estimates were computed). The statistics used in these computations were estimates of the percent of adults participating in various types of adult education activities or courses and the percent of adult education participants who had various characteristics.

When a sample is drawn by simple random sampling, the variance of an estimated percent can be expressed as the estimated percent (p) times its complement (100-p) divided by the sample size. The ratio of the variance computed from the jackknife replicate estimates to the variance from the simple random sampling formula is called the design effect.

The design effect for most complex sample designs, like the NHES:91, is greater than unity because the use of clustering and differential sampling fractions tends to increase the variances of the estimates. In the NHES:91, both of these factors contributed to a general increase in the variance over what would be expected under simple random sampling.

The average design effect for the estimates evaluated in the AE were very different depending on who was included in the estimate. In particular, estimates of all adults which include both participants (including all persons who took any courses or activities, even full-time degree-seeking students) and nonparticipants have a much larger design effect than estimates of characteristics of participants. This difference is due to the very different sampling rates used for participants and nonparticipants.

The average design effect for the percentages of the estimates of characteristics of participants was 2.3. This average is larger than might be expected from an RDD survey in which all eligible persons are included in the survey (e.g., the average design effect for the ECE component of NHES:91 was only about 1.3). The inflation of the design effect is primarily due to the fact that some adults were sampled at the lower nonparticipant rate but turned out to be participants when interviewed. For estimates of percentages that included all adults, the average design effect was 4.5. As noted above, the size of this design effect is due to the differential sampling rates applied by participation status of the adults.

If the estimated percentage is a characteristic of nonparticipants, then an average design effect of 2.8 should be used. Within subgroups defined by race and ethnicity, the average design effects also vary somewhat. For estimates of blacks the average design effect is 3.8, for Hispanics it is 3.2, for non-Hispanic whites it is 2.8, and for other races it is 2.4. The mean design effects for these subdomains were computed from 54 statistics.

The average design effect can be used to quickly approximate the standard error for an estimate, but some precautions are required. If the estimate is a characteristic of all adults (e.g., the percent of all adults who participated in adult education in the last 3 years), then the average design effect of 4.5 should be used. On the other hand, if it is a characteristic of participants (e.g., the percent of participants who were employed), then the average design effect of 2.3 should be used.

Another precaution is that the average design effects have been computed over a variety of different situations and the average may not be appropriate for some parts of the population. In particular, the averages may be less useful if the denominator of the estimated percent is composed of a subgroup that is not similar to those used in computing the average design effects.

For example, suppose the estimate was the percent of males in the group of all adults who *ever* participated in adult education. The denominator of this percent is based on the group which probably contains more current participants than the population of adults and less than the population of participants. The appropriate average design effect for this type of estimate is probably somewhere between 2.3 and 4.5. In such cases, it is wise to compute the variance of the estimate using the jackknife method described in Section 3.4.

For estimates where the average design effect is appropriate, the methods of estimating the variances for estimates are simple. For example, suppose it is estimated that 30 percent of all adults participated in adult education in the last 12 months. The simple random sampling variance for an estimate of 30 percent from a sample of 12,500 is 0.17 (30 x 70/12,500). The simple random sample standard error is the square root of this, or about 0.4 percent.

The approximate variance of the estimate from the NHES:91 is the simple random sample variance multiplied by the average design effect, which for this statistic is 4.5. The estimated variance would be .8 (4.5 x 0.17). The standard error for the estimate could be approximated by the square root of this, 0.9 percent.

The approximate variance for other types of statistics, such as quantitative data on the number of courses taken as a full-time student in the past 12 months, can also be computed using this approach. First, the simple random sample variance is estimated using a standard statistical package, such as SAS and SPSS. Second, this variance is multiplied by the average design effect to approximate the variance under the NHES:91 design.

3.5 Imputation

In the NHES:91, as in most surveys, the responses to some data items were not obtained for all interviews. There are numerous reasons for item nonresponse. Some respondents do not know the answer for the item or do not wish to respond for other reasons. Some item nonresponse arises when an interview is interrupted and not continued later, leaving items at the end of the interview blank. Item nonresponse may also be encountered because responses provided by the respondent are not internally consistent and this inconsistency is not discovered until after the interview is completed.

For most of the data items collected in the NHES:91, the item response rate was very high. In other words, if a respondent was supposed to answer a specific item, then they actually provided a valid response in over 95 percent of the cases for most items in the survey.

Despite the high item response rate, some data items were imputed. The imputations were done for two reasons. First, certain variables were used in developing the national estimates and complete responses were needed for this purpose. These included the variables used for raking and other variables, such as the number of residential phones, which are not included in the data file. Second, some data items were planned to be used for many of the publications from the survey and complete item responses helped improve these presentations.

A nearest-neighbor, hot-deck procedure was used to impute missing responses. In this approach, the entire file was placed into a specified sort order which varied depending on the data item to be imputed. The sort order was determined by attempting to group respondents into those most likely to have the same response for the data item to be imputed. An example of an imputed variable is HSDIPLOMA, receiving a high school diploma or equivalent. The sort variables were highest grade or year of school completed, the respondent's age, and full-time enrollment status. The use of these in combination assured that the donor and recipient were similar on all of these characteristics.

Whenever a case with a missing value was encountered, the value of the data item from the preceding complete case is imputed for the missing item. The method is called a nearest-neighbor, hot-deck approach because the value from the closest record (the nearest-neighbor) in the current data set (hot-deck) is used to replace the missing item.

For each data item which was imputed, an imputation flag variable was created. If the response for this item was imputed, then the imputation flag was set equal to one; otherwise it was missing. The flag was created to enable users to identify imputed values. Users can use the imputation flags to delete the imputed values, use alternative imputation procedures, or account for the imputation in computation of the reliability of the estimates produced from the data set.

IV. DATA COLLECTION METHODS AND RESPONSE RATES

4.1 Data Collection Procedures

The following sections discuss the procedures used in the data collection phase of the NHES:91, including the use of computer-assisted telephone interviewing (CATI), staff training, interviewer assignments and contact procedures, and quality control.

4.1.1 CATI System Applications

The use of a CATI system for the NHES:91 included a number of applications that facilitated the implementation of the NHES:91 survey procedures. Briefly, the most salient features of the CATI system for the NHES:91 were as follows:

- **Project Administration**--The CATI system reduces substantially the amount of paper recordkeeping ordinarily required for a telephone survey, such as contact records, and provides up-to-date reports on the status of cases, numbers and types of contacts, sizes of standing work queues, and interviewer productivity and response rates.

- **Eligibility and Sampling**--CATI automatically identified households and persons eligible for the NHES:91 survey topics. It also selected appropriate households for the adult education sampling and individuals for extended interviews.

- **Scheduling**--CATI fed telephone numbers to the interviewers, maintained a schedule of callback appointments, and rescheduled unsuccessful contact attempts to the appropriate day and time according to the protocol for the study.

- **Skip Patterns**--The CATI system automatically guided interviewers through the complex skip patterns in the questionnaire, reducing the potential for interviewer error. This is particularly important for a survey in which repeated series of questions are asked about a particular subject, such as child care.

- **Receipt Control**--The CATI system provided automatic receipt control in a flexible manner which was used to produce a variety of status reports.

The use of CATI for the NHES:91 was critical because of the complexity of collecting information on the child care, educational, and home activities of children and the educational activities of adults. (More detailed information on the AE interview can be found in Section 2.2.) Without CATI, these would have been difficult surveys to administer, especially by telephone. The use of CATI was also helpful in the sampling of households and household members as required based on information collected during the survey.

4.1.2 Interviewer Training

Interviewer training was conducted over a 3-week period in late January and early February 1991. More than 300 interviewers were trained for the study, in groups of about 30. Each group received 20 hours of training related to the conduct of the NHES:91 in addition to basic training in general interviewing techniques and the use of the CATI system. This was followed by a scheduled 4-hour "live" session that was closely monitored by training staff and telephone interviewing supervisors.

Interviewer training was conducted using the CATI system throughout. In this way, the trainees actually entered information in the CATI system during training scripts and lectures, providing them with "hands-on" experience prior to beginning data collection. The topics covered in the training session included an introduction to the study, interactive lectures concerning each of the survey questionnaires, survey procedures, refusal avoidance, and practice role-play scripts.

The survey staff included 18 bilingual interviewers. These interviewers received the same training as all other interviewers, worked on the study conducting interviews in English for 3 weeks, and were then trained to conduct the interviews in Spanish.

4.1.3 Interviewing Procedures

The NHES:91 interviewers made at least seven attempts to screen households in order to determine the presence of eligible household members; that is, an eligible child or sampled adult. These seven calls were staggered on different days of the week and at different times of the day over a 3-week period, and included at least two day calls, three evening calls, and two weekend calls. Once a household was identified as eligible for an extended interview, the maximum number of calls was raised to 20. When repeated attempts to contact the respondent proved unsuccessful, the case was referred to a telephone supervisor to discuss appropriate methods of completing an interview (e.g., holding a case for some time and releasing it for additional attempts later in the data collection period). This schedule was constant over the entire survey period.

The CATI system scheduled cases automatically based on an algorithm that was customized for the NHES:91 survey. The system assigned cases in the following order of priority:

- Cases that had specific appointments;
- Cases that had unspecified appointment or general callback times;
- Cases that were busy signals to be attempted again 15 minutes later;
- Cases that had been attempted with no contact to be tried during other specific times; and
- Cases that were new and had never been worked.

When necessary, an interview was conducted in Spanish. Interviewers coded a case as a "language problem" when they encountered a non-English speaking respondent and there was no evidence of an English-speaking household member. An interview was conducted in Spanish if that was the respondent's language; all other languages received a final disposition of "language problem." A hard copy Spanish language translation of the survey instruments was provided to each Spanish-speaking interviewer, and responses were entered into the CATI system as the questions were asked. Upon completion of all interviews, the interviewers were asked to record whether the interview was completed in English or Spanish.

Refusal conversion efforts were used to obtain responses from households or individual respondents who had initially refused to complete an interview. However, if the interviewer indicated that the response was "hostile" (e.g., profane or abusive), the case was reviewed by a supervisor to determine whether another attempt should be made. One refusal conversion attempt was made for each Screener or extended interview refusal, with the exception of these "hostile" cases. A 2-week hold was placed on initial refusals before a conversion attempt was made.

Because of concerns about the Screener response rate, an additional refusal conversion attempt was made for a subset of second Screener refusals. The cases included in this effort were those for which the interviewers indicated on both attempts that the refusal was "mild," and those for which the one refusal was rated "mild" and the other rated "firm, but not hostile." No cases rated as "firm" on both refusals were selected for an additional attempt, nor were any cases rated as "hostile."

Another effort to increase Screener response was the re-release of maximum call cases--cases in which a person had answered on at least one of the seven attempts. These cases were held for a period of time and released for additional attempts during the last 3 weeks of the data collection period. No maximum number of calls was set, and the cases continued to be worked until the data collection period was over. A similar approach was used for the "residential answering machine" cases that had received the maximum number of calls.

There were some numbers at which an answer was never received during the seven attempts made. A sample of these cases was selected, and telephone company business office checks were made to determine the working status and residential status of the numbers. The results of this effort were incorporated into the final allocation of cases for nonresponse computation.

4.1.4 Data Collection Quality Control

Data collection quality control efforts began during the CATI development period. As the CATI system was programmed, extensive testing of the system was conducted. This testing included review by project research staff, telephone interviewing center staff, the programmers themselves, and data preparation staff. The testing by staff members representing different aspects of the project was designed to ensure that the system was working properly from all of these perspectives. A live pretest was conducted in early December, with a sample of about 200 households, to "shake down" the CATI system as a further effort to ensure that the system was working properly.

Quality control activities continued during training and data collection. During interviewer training, interviewers were paired with one another and conducted role-play interviews on the telephone that were monitored by supervisors. Project staff monitored the role plays and provided feedback and additional training as necessary. When interviewers began actual data collection, they were monitored on an ongoing basis by telephone center supervisors. In addition, project research staff also monitored the interviewers occasionally. Data preparation staff also reviewed the cases from the CATI system as they were completed, and referred problems to the project staff for resolution. Interviewer memos were posted and distributed when any recurring problems were identified. Additional training was also provided as necessary.

At least once each week, the CATI management system produced computer-generated reports that displayed response rates, refusal rates, and refusal conversion rates for each NHES:91 interviewer. These reports assisted telephone center supervisors in identifying interviewer performance problems that might not be detected through monitoring.

4.2 Response Rates

A response rate is the ratio of the number of units with completed interviews (the units could be telephone numbers, households, or persons) to the number of units sampled and eligible to complete the interview. In some cases, these rates are easily defined and implemented, while in other cases the numerators or denominators of the ratio must be estimated.

The response rate is the percent of possible interviews completed, taking all survey stages into account, and the term completion rate is used to measure the ability to complete interviews for a specific component of the survey. For example, household members are identified for extended interviews in a two-stage process: first, Screener interviews are conducted to enumerate and sample household members, and second, the sample members are interviewed using extended questionnaires. The failure to complete the first stage Screener means that it is not possible to interview the members of the household. In this case, the completion rate for the second stage is the percent of sampled persons with completed interviews. The response rate is the product of the first and second stage completion rates.

Response rates and completion rates are identical for the first stage of the sampling and interviewing. For the NHES:91, the first stage is the Screener. The next section discusses the response rate (which is also the completion rate) for the Screener and provides a profile of the characteristics of the respondents. The response and completion rates for the extended interviews are given in the following sections.

4.2.1 Screener Response Rate

Table 4.1 gives the disposition of the 120,000 telephone numbers that were sampled for the NHES:91. The three major categories of response status are those identified as being numbers for residential households, those identified as nonresidential numbers (primarily not-working and business telephone numbers), and those numbers which, despite numerous attempts, could not be identified as residential or not. At the bottom of the table, the estimated response rate for the Screener of 81 percent is shown.

The numerator of the response rate is the number of telephone numbers in households which participated in the survey (60,322). The denominator is the sum of the number of residential telephone numbers plus a proportion of the numbers with an unknown residential status that are assumed to be residential. Based on information obtained from telephone business office contacts for a sample of the numbers with an unknown residential status, 40 percent of these numbers were assumed to be residential for purposes of calculating the response rate.

Other estimates of the response rate could be developed based upon different allocation schemes. The second footnote in Table 4-1 describes the five schemes presented in the table. It is reasonable to say that the Screener response rate is between 78 and 84 percent and the best estimate is 81 percent. The variability in the estimates arises because it is not possible to identify the residency status for each telephone number.

The weighted Screener response rates varied somewhat by region of the country (based on the Census region). In the Northeast and West regions the response rates are about 6 percent lower than those in the Midwest and South (the percents range from 76 percent to 84 percent). The response rates for metropolitan telephone numbers are about 6 percent higher than for nonmetropolitan numbers. The response rates for these variables are shown in Table 4.2.

4.2.2 Extended Interview Response Rate

Table 4.3 gives the number of enumerated, sampled, and completed extended interviews for the AE component. The sampling was based upon the adult's participation in educational activities as reported by the Screener respondent. Adults currently enrolled in elementary or secondary school were not sampled. Of the enumerated and sampled adults, 32 were ineligible because in the extended interview they reported that they were currently enrolled in elementary or secondary school or were under 16 years old.

Interviews were completed for 12,568 of the adults for a weighted completion rate[1] of 85 percent. The main reason for nonresponse in the AE survey was refusal by the sampled adult to participate. When the completion rate is multiplied by the Screener response rate, the overall weighted response rate for the AE is 69 percent. The number of completed interviews includes 135 completed interviews with persons who were active members of the armed services and,

---

[1] Completion rate is the proportion of people who were scheduled for a questionnaire but did not complete it. Response rate takes into account the refusals at the Screener level.

Table 4-1.--Number of telephone numbers dialed, by residential status and screener response rate

Screener response category	Number	Percent of all numbers	Percent of residential numbers
Total	120,000	100.0	
Identified as residential[1]	72,123	60.1	100.0
Participating[1]	60,322	50.3	83.6
Not participating	11,801	9.8	16.4
Identified as not residential	42,386	35.3	
Unknown residential status	5,499	4.6	

Screener response rates[2]	Rate (Percent)
Unweighted response rate (using business office method	81.1
Weighted response rate (using business office method)	81.0
CASRO response rate	79.8
Conservative response rate	77.7
Liberal response rate	83.6

[1] Includes eight telephone numbers of households with more than one telephone number which were sampled twice in NHES.

[2] All the response rates (except the weighted method) use the number of participating households as the numerator. The denominators vary: for the estimated response rate using the business office method, the proportion of unknown residential status numbers included in the denominator was based upon the proportion identified in checks with the telephone business office; for the Council of American Survey Research Organizations' (CASRO) response rate, the proportion of unknown residential status numbers included in the denominator was based upon the residency rate for the numbers with known residential status; for the conservative response rate, all of the unknown residential status numbers were included in the denominator; and for the liberal response rate, none of the unknown residential status numbers were included. The weighted response rates use the same procedure as the business office check method, except the counts are adjusted by the probability of selection.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), spring 1991.

Table 4-2.--Number of telephone numbers dialed in the screener, by response status and response rate

	Total	Complete	Non-response	Non-residential	Not resolved	Weighted* response rate (%)
Total	120,000	60,314	11,801	42,386	5,499	81.0
Census region						
Northeast	25,260	12,378	3,085	8,277	1,520	76.2
Midwest	29,190	14,942	2,580	10,410	1,258	82.6
South	39,660	20,477	3,332	14,272	1,579	84.0
West	25,890	12,517	2,804	9,427	1,142	79.1
Metropolitan status						
Metropolitan	95,417	47,454	10,140	33,627	4,196	86.0
Nonmetropolitan	24,465	12,822	1,649	8,696	1,298	79.9
Unknown status	118	38	12	63	5	70.6

*The response rate is the number of completed interviews divided by the sum of the number of completed interviews, nonresponses, and 40 percent of the not resolved telephone numbers, weighted by probability of selection.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), spring 1991.

Table 4-3.--Number of enumerated and completed interviews, by completion rate and response rate

Type of interview	Number	Weighted completion rate (%)	Overall estimated weighted response rate (%)
Adult education interviews			
Enumerated	37,605		
Sampled	14,226		
Ineligible[1]	32		
Nonresponding	1,626		
Complete[2]	12,568	84.7	68.6
Completed participant interviews	9,774		
Completed nonparticipant interviews	2,794		

[1] Includes those under 16 years old and those currently enrolled in high school based on data from the extended interview, but response rate excludes these persons.

[2] Includes completed interviews with 135 persons in the armed services, but response rate excludes these persons.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), spring 1991.

therefore, not members of the inference population. About 78 percent of the completed interviews were of adults who were participants in adult education in the past 12 months.

Table 4.4 gives the response status and weighted completion rates by the household and individual characteristics of the adults sampled. For most of the characteristics, the completion rates were relatively constant. The completion rates were between 80 and 87 percent across categories of region, home type, Hispanic origin, and household income. Even for categories of age and race, the variation in completion rates was not very pronounced. Older adults (50 years or more) had the lowest completion rate at 81 percent. The completion rate for Asian or Pacific Islander was only 67 percent, but this was based on only 321 sampled adults. Response rates cannot be calculated for interviews conducted in Spanish because interviewers did not know the household was Spanish speaking until they had them on the phone. However, Spanish-speaking households had as much opportunity as English-speaking households to respond. If the household was contacted by a bilingual interviewer, the interview was conducted in Spanish. If the household was contacted by a non-Spanish speaking interviewer, the case was coded "language/communication problem" and referred to a Spanish-speaking interviewer. Of the completed interviews, 1.4 percent (182 of 12,568) were conducted in Spanish. Of the 130 cases coded as language problem or communication problem, 56 were completed in Spanish and 27 were completed in English.

The main source of variation in completion rates was the education status of the adult (as identified in the Screener). The completion rate was 80 percent for full-time college degree-seeking students, 82 percent for nonparticipants, and 90 percent for participants (adults who are taking any courses or activities other than full-time degree seekers). The full-time student completion rate was lower partially because persons living away at college had to be traced in order to complete the interview.

4.3 Item Response in the Adult Education Interview

This section discusses the item response rates in the NHES:91 AE interview. The items included in this analysis were selected to represent key participation, course or activity, and sociodemographic characteristics over the range of item response rates, and to examine any differences in response rates of items appearing early in the interview versus those appearing later.

With only a few exceptions, items in the AE interview had high response rates. Most had response rates of more than 99 percent, and few had response rates of less than 95 percent. Table 4.5 shows item response rates for a representative group of items from the interview. The number of cases for which each item was attempted and the percent of all cases for which a valid response was obtained are shown.

For nearly all items, virtually complete response was obtained. In some cases the number of missing values is less than 0.1 percent. For these items, the response rate is shown as 99.9 to indicate that there were a few missing cases, although technically most of the items would round up to 100 percent response.

The items for which somewhat lower, but still near complete, item response was obtained included items which required recall of events (such as whether they ever participated in adult education), items which required respondents to make value judgments about hypothetical situations (such as possible job, licensure, or basic skills benefits to them of adult education), and those items that came toward the end of the interview (such as questions on highest grade attended and main activity last year). In addition, the series of job search items asked of the subgroup of 2,334 respondents who were not currently employed or for whom employment information was not determined registered the lowest item response rate of the AE interview, just over 80 percent.

Table 4-4.--Number of sampled adults, by response status and completion rate

	Total	Complete	Non-response	Weighted completion rate (%)
Total	14,194	12,568	1,626	84.7
Census region				
Northeast	3,058	2,653	405	82.9
Midwest	3,723	3,383	340	86.9
South	4,247	3,797	450	86.8
West	3,166	2,735	431	80.0
Home type				
Rent	3,735	3,369	366	83.9
Own or other	10,459	9,199	1,260	86.6
Hispanic origin				
Hispanic	1,210	1,061	149	86.1
Non-Hispanic	12,984	11,507	1,477	84.5
Race				
White	11,652	10,398	1,254	85.4
Black	1,567	1,354	213	83.0
American Indian or Alaskan Native	84	73	11	85.6
Asian or Pacific Islander	321	250	71	67.0
Other	570	493	77	82.5
Age (from Screener)				
16 to 19 years	706	592	114	85.4
20 to 29 years	3,758	3,291	467	86.6
30 to 49 years	6,653	6,012	641	86.3
50 years or more	3,077	2,673	404	81.3
Household income				
$10,000 or less	962	852	110	85.1
$10,001 - 20,000	1,577	1,419	158	86.5
$20,001 - 30,000	2,494	2,232	262	84.5
$30,001 - 50,000	4,479	4,038	441	86.7
over $50,000	4,682	4,027	655	81.5
Sampled participation status				
High school student	0	--	--	--
Participants	11,584	10,443	1,141	90.2
Full-time student	880	706	174	80.2
Nonparticipant	1,730	1,419	311	82.0

-- Not applicable.

NOTE: Sampled persons who were ineligible because of age or high school enrollment are not included. The counts include the 135 persons in the armed services who completed interviews. The completion rate is the weighted number of completed interviews divided by the sum of the weighted number of the complete and nonresponse interviews.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), spring 1991.

Table 4.5--Item response rates for the adult education interview

Item	Number attempted	Percent response
Participation items		
Full-time school in past 12 months	12,568	99.9
Part-time college in past 12 months	12,568	99.9
Continuing education in past 12 months	12,568	99.9
Other adult education in past 12 months	12,568	99.9
Ever participated in adult education	4,075	97.5
Any job benefit to adult education	12,568	96.3
Any basic skills benefit to adult education	12,568	96.7
Use for adult education to obtain license	12,568	96.5
Course or activity items		
Main reason for taking	17,638	98.7
Any management training component	13,028	99.2
Any other training component	13,028	99.1
Required for diploma or degree	14,181	98.5
Provider of instruction	17,638	97.7
Provider was also employer	12,568	97.7
Sociodemographic items		
Race*	12,568	99.4
Hispanic origin*	12,568	99.8
Worked last week	12,054	99.2
Occupation in current or most recent job*	12,054	98.5
Industry in current or most recent job*	12,054	98.0
Looking for work	2,334	80.6
Highest grade attended*	12,568	95.6
Main activity in past year*	12,568	95.4
Household income*	12,568	85.1

*Items for which missing values were imputed.

NOTE: The percent response is reported as 99.9 when the number of missing values is less than 0.1 percent, rather than rounding these values to 100 percent. This designation is to distinguish such variables (which usually have less than 10 missing cases) from those that have no missing values.

SOURCE: U.S. Department of Education, National Household Education Survey (NHES), spring 1991.

V. DATA PREPARATION

5.1 Coding and Editing Specifications

Most of the coding of the interview data was accomplished by the NHES:91 CATI system. As the interviewers entered the number of the response option selected by the respondent, this number was written to the data file. However, some additional coding was required. When the respondent selected an "other" response, the interviewer entered text into a "specify" overlay which appeared on the screen. The "specify" responses were reviewed by the data preparation staff and, where appropriate, coded into one of the existing categories of response. New response categories were developed for some of the "other, specify" responses, based on the number of responses. Also, for each industry and occupation written to the data file Standard Occupational and Industrial Codes were assigned for each response.

5.1.1 Range Specifications

The ranges of most items in a CATI survey are determined by the codes for the available responses, since they are close-ended. The system will not accept an out-of-range code. However, some items such as ages, dates, and numbers of children do not have a set of responses with specific codes, but require the interviewer to enter a value.

The range checks include both "soft" and "hard" ranges. A soft range is one that represents the reasonable expected range of values, but does not include all possible values. Responses outside the soft range are confirmed with the respondent to be sure that they are correct. For example, the number of courses taken as a full-time student (A2) has a soft range of 1 through 10, because it was expected that nearly all responses would fall into this range (i.e., few people would have taken more than 10 courses in the past 12 months). A value outside the soft range (but inside the hard range) may be entered if confirmed as correct by the interviewer.

Hard ranges are those that set finite parameters for the values that can be entered into the CATI system. Values outside the range are unacceptable. For example, looking at month respondent left employment (A51), the hard range is 1 through 12, because the question pertains to months in a year. Any other response is impossible, since the only months in a year are 1 through 12. When a response was entered by an interviewer that was outside the hard range, a message appeared stating that the response was invalid. The interviewer then cleared the message by pressing the carriage return key. If the out-of-range value was the actual response the respondent had given (and not a keystroke error), the interviewer entered a text comment with a stated value and a "don't know" response for the item. The comments were later reviewed by data preparation staff and updated as necessary.

5.1.2 Consistency Checks

Consistency or logic checks examine the relationships between responses to be sure that they do not conflict with one another, or that the response to one item does not make the response to another unlikely. Many of the logic specifications for the NHES:91 interviews were contained within the CATI system. For example, skip patterns were controlled by the CATI system so that inappropriate items were avoided. Additional consistency (logic) checks for the NHES:91 interviews were included in the CATI system. If the logic check was violated, a special CATI screen appeared that explained the discrepancy by reporting both of the inconsistent answers and allowed the interviewer to enter a correction. If the interviewer passed through the check screen once and information was still inconsistent, the interviewer was asked to reverify information. After the second attempt, the inconsistent information was recorded.

5.1.3 Structural Edits

The complex interrelationships of the data contained in the NHES:91 database files were checked and maintained via frequency review, cross-tabulation review, and the execution of post-data collection structural edits. Structural edits check and report on any discrepancies between database items and were designed to ensure that all required records were present and that all file records present were required.

VI. GUIDE TO THE DATA FILES AND CODEBOOKS

6.1 Content and Organization of the Data Files

This section describes the public release data files that were constructed for the NHES:91 Adult Education (AE) component. Two AE public release files were prepared:

- **Adult File**[1] -- This file contains responses from each completed AE participant and nonparticipant interview. There is one record for each completed AE interview; thus, there are 12,568 records in this file.
- **Course File**[1] -- This file contains a record for each course reported by participants in the AE interview. The file is intended for analyses in which the course, rather than the individual, is the unit of analysis (course information is also included in the Adult File as part of the record for each adult). There is one record for each course described by an adult respondent in a completed AE interview.

A core case identification number appears on each record which permits the linking of completed interviews from the same household. The core number is the first seven digits of the PERSID. Both the Adult File and the Course File are available as rectangular files. The public use tape includes SAS and SPSS-X control cards for file creation. See Appendix C for control cards and Appendix D for guidelines for using SAS and SPSS-X.

6.2 Variables

A case identification number, the questionnaire items, imputation flags, composite items, and sampling weights make up the variables in these data files. The case identification number precedes the questionnaire items, which appear in order of occurrence in the questionnaire, followed by flag variables, composite variables, and finally the weight variables.

---

[1] Military members were included in the surveys and are flagged (MILFLG) for the convenience of analysts who wish to exclude them.

6.2.1 Names, Labels, and File Layout Positions

Shown in Appendix B are listings of the variables contained in each of the data files. The variable name column displays the unique identifier present in the SAS data file. The variable label column displays a short label associated with the variable as it appears in the SAS data file. The format column describes the format of the variable. A data format of "N" indicates a numeric variable and a data format of "A" represents a character variable. The length column indicates the length of the variable in terms of number of characters for a character variable and the number of digits for a numeric variable. The length descriptor also includes the number of digits found after the decimal point for noninteger numeric variables. The start column indicates the position in the data file where the variable begins and the end column indicates where the variable ends.

6.2.2 Missing Values for Variables

In these data files, certain codes termed "missing values" have been reserved to represent certain situations. These missing values and their interpretation are:

-1	**Inapplicable** -- The value for this item is legitimately missing. In other words, responses to previous questions caused the flow of the survey to skip around this item.
-7	**Refused** -- The respondent refused to answer this question.
-8	**Don't Know** -- The respondent did not know the answer to this question.
-9	**Not Ascertained** -- The respondent should have been asked and should have responded to the question based upon voluntary information gathered later in the survey or after completing the survey. However, based on the value of the original filter information given, the questions was skipped. In some cases the respondent broke off the interview after completing most of it, and the remaining items were never completed.

6.3 Composite Variables

Composite variables deemed useful for analysis of the data were constructed from two or more questionnaire items. In most cases, composite variables were derived from several original variables. For example, the majority of composite variables on the Adult file combine information from questions concerning courses into a variable describing participation in certain categories of adult education or for particular outcomes. In addition, there are four variables created for both the Adult file and the Class file. These designate general attributes applicable to individual courses.

Some original variables used to create the composite variables described below, as well as certain constructed variables on the Adult file, include the course segment number (n) to distinguish information given by a single respondent about more than one course. On the Class file, the analogous variable does not have that designation because each course is a separate record. The composite variables that are on both the Adult and Class files are identified as such in the descriptions below, and the name of the variable on both files is given.

The code used to create each composite variable is given in full in Appendix E. The composite variables are described in Section 6.3.2 and 6.3.3 in alphabetical order. The number in parenthesis following the original variable name used in the construction of the composite variable refers to the question number. Questionnaires can be found in Appendix A. Users should review the construction of these variables and their codes to determine if they meet their analytic objectives.

6.3.1 Missing Values for Composite Variables

All missing values on the original variables used to create the composite, legitimate skips as well as "don't know" or "no answer" were handled as missing. Cases labeled missing on the composite variable (designated by . in the codebook) have missing values on every variable that comprises the composite or are missing on a variable essential to its definition. Missing cases for one key variable, AELABOR, were imputed using a hot-deck method. None of the other composite variables were imputed, but some of the original variables used to construct them were. See Section 3.7 for more information on imputation.

6.3.2 Composite Variables on the Adult File

AEBASLIT designates participation in any part-time adult education to improve basic skills or literacy. It was created from responses to OTBASIC (A8), BASIC (A15), and TAKEREA(n) (A13) coded for basic skills or literacy.

The values for AEBASLIT are:

1 = Yes
0 = No

AEDEGREQ, signifying part-time participation in adult education for a degree, is drawn from PTENROLL (A4), TAKEREA(n) (A13) coded to meet a requirement for a diploma, degree, or certificate of completion, and REQUIRE(n) (A18).

The values for AEDEGREQ are:

1 = Yes
0 = No

AEEMPREA captures participation in any part-time adult education for a job-related reason. This variable was derived from TAKEREA(n) (A13) coded for current job reasons or to train for a new job and EMPLREA(n) (A14).

The values for AEEMPREA are:

1 = Yes
0 = No

AEEMPREQ, which designates participation in any part-time adult education that was required by an employer, uses EMPLREQ(n) (A25a) as well as EMPLTIM(n) (A23a) to capture courses taken during employment and required by one's employer.

The values for AEEMPREQ are:

1 = Yes
2 = Not employed when taking any courses
0 = No

AEESL signifies participation in any part-time adult education for English as a Second Language. OTENGL (A8) and ENGLISH (A16) were used to create this variable.

The values for AEESL are:

1 = Yes
0 = No

AEEVER captures current participation in part-time adult education as well as participation over time. It was derived from AECOURSE (A36), AEPAST3 (A37), and AEPRTIME (composite) for respondents who have a value of 1 (yes) on AEPRTIME.

The values for AEEVER are:

0 = Never
1 = In the past 12 months
2 = In the past 3 years, not in the past 12 months
3 = Sometime before the past 3 years

AELABOR designates labor force participation. It was created from the responses to WORKWEEK (A45a) or VACATION (A46) and LOOKWORK (A54) in combination with LOOKPUBL, LOOKPRIV, LOOKEMPL, LOOKFRND, or LOOKADS (A55). These variables were linked to include only respondents looking for work through appropriate means. For this variable, missing cases were imputed using a hot-deck method.

The values for AELABOR are:

1 = Employed in labor force
2 = Unemployed in labor force
3 = Not in labor force

AELICNS, constructed from LICENSE(n) (A20) or PTDEGREE (A5) coded to obtain a license, indicates participation in any part-time adult education to obtain a license or certification.

The values for AELICNS are:

1 = Yes
0 = No

AENUMCSE is the total number of part-time adult education courses taken in the past 12 months. It is the sum of PTNUM (A6) and OTNUM (A9).

The value for AENUMCSE is the number of courses; the range for this variable is 0 to 40.

AEPARANY, created from responses to FTASSOC, FTBACHLR, FTVOCA, FTBASIC, FTENGLSH, FTOTHER, FTGED, FTCERT (A1A), PTENROLL (A4), and OTCLASS (composite), identifies participants in any adult education program including full-time degree programs.

The values for AEPARANY are:

1 = Yes
0 = No

AEPARTIC, drawn from a positive response to FTVOCA, FTBASIC, FTENGLSH, FTOTHER, FTGED (A1A), PTENROLL (A4), or OTCLASS (composite), is participation in adult education excluding full-time degree programs. Included are full-time participation in vocational training, adult literacy, English as a Second Language, GED, and professional certification as well as part-time degree programs and other part-time adult education activities.

The values for AEPARTIC are:

1 = Yes
0 = No

AEPRTIME is participation in adult education excluding any full-time program. Only PTENROLL (A4,) participation in part-time degree programs, and OTCLASS (composite), part-time participation in other adult education activities, were used in the creation of this variable.

The values for AEPRTIME are:

1 = Yes
0 = No

AETRAIN encompasses participation in any course that had a training component as indicated by TRNMGMT(n), TRNSUPR(n), TRNPROF(n), TRNTECH(n), TRNCS(n), TRNHLTH(n), TRNQC(n), TRNSALE(n), or TRNEMPL(n) (A17). Descriptions of training specified as "other" were recoded into the training categories during data preparation or excluded because they did not meet the definition of training.

The values for AETRAIN are:

1 = Yes
0 = No

FTBASESL is full-time study of basic skills or English as a Second Language. It was derived from FTBASIC and FTENGLSH (A1A).

The values for FTBASESL are:

1 = Yes
0 = No

FTDEGREE, indicating participation in a full-time associate's, bachelor's, or more advanced degree program, was constructed from FTASSOC, FTBACHLR, and FTCERT (A1A), full-time professional certification or recertification.

The values for FTDEGREE are:

1 = Yes
0 = No

FTNONDEG is participation in full-time programs excluding any courses for a degree. It is derived from FTVOCA, FTBASIC, FTENGLSH, FTOTHER, or FTGED (A1A).

The values for FTNONDEG are:

1 = Yes
0 = No

HIDEGREE categorizes respondents according to their educational credential, the highest degree or credential obtained. It is principally a recode of HIGHGRAD (A59). In cases in which the respondent indicated that his or her highest level of schooling was vocational or technical after high school or 1 to 2 years of college, HSDIPLMA (A60) is used to ascertain that the respondent obtained a high school diploma.

The values for HIDEGREE are:

1 = Less than high school diploma
2 = High school diploma or equivalent
3 = Associate's degree
4 = Bachelor's degree or higher

INCLEVEL, a recode of INCOMRNG (S22), specifies nine levels of household income.

The values for INCLEVEL are:

1 = $10,000 or less
2 = $10,001 to $15,000
3 = $15,001 to $20,000
4 = $20,001 to $25,000
5 = $25,001 to $30,000
6 = $30,001 to $40,000
7 = $40,001 to $50,000
8 = $50,001 to $75,000
9 = More than $75,000

OTCLASS was created by the CATI system just following item A8. It is an abbreviated indication of whether the respondent participated in any part-time adult education other than in an associate's, bachelor's, master's, or doctoral degree program. Studying part time to obtain a GED was included. It was created from OTNONCR, OTCORRS, OTPRIV, OTGROUP, OTBASIC, OTENGL, OTOTHER, OTGED, and OTCOMP (A8).

The values for OTCLASS are:

1 = Yes
2 = No

RACEETHN is a composite of the variables RACEVER (A42a) and HISPVER (A42a1). Analogous variables, RACE and HISPANIC (S5), were contained on the Screener. If race and ethnicity were obtained from the Screener respondent, they were automatically copied into RACEVER and HISPVER. If not, race and ethnicity were collected from the respondent to the adult questionnaire. If the respondent designated ethnicity as Hispanic, RACEETHN is Hispanic regardless of whether race was identified as white or black.

The values for RACEETHN are:

1 = White, non-Hispanic
2 = Black, non-Hispanic
3 = Hispanic
4 = All other races (e.g., American Indian or Alaskan Native, Asian or Pacific Islander), non-Hispanic

SALARY is the annual salary (rounded to the nearest dollar) that the respondent is currently earning or earned in his or her most recent job. It was created from EARNAMT and EARNRATE (A53).

The values for SALARY range from $1,000 to $75,000.

SCHOOLNG, an additional education variable, designates years of schooling completed. It was created through a recoding of HIGHGRAD (A59).

The values for SCHOOLNG are:

1 = Up to 8th grade
2 = 9th to 11th grade
3 = 12th grade
4 = Vocational school after high school
5 = Some college (1 to 4 years, no associate's degree)
6 = Associate's degree
7 = Bachelor's degree or higher

6.3.3 Composite Variables on Both the Adult File and the Course File

CEMPREA(n) on the Adult file and **CEMPREAS** on the Course file indicate that a reason for taking the course was job related. They were derived from TAKEREA(n) (A13) coded for current job reasons (2) or to train for a new job (3) or EMPLREA(n) (A14).

The values for CEMPREA(n) and CEMPREAS are:

1 = Yes
0 = No

CNUMWKS(n) on the Adult file and **CNUMWKS** on the Course file are the number of weeks that the course was scheduled to run. They were calculated using the variable CLASNUM (A32) and a multiple of CLASUNIT (A32) to produce a uniform unit of time.

The value for CNUMWKS(n) and CNUMWKS is the number of weeks. The range for CNUMWKS is 1 to 624. Most courses (about 98 percent) are in the range of 1 to 52.

CREQUIR(n) on the Adult file and **CREQUIRE** on the Course file specify whether the course was required for a degree or certificate of completion. They were constructed from TAKEREA(n) (A13) coded to meet a requirement for a diploma, degree, or certificate of completion (5), REQUIRE(n) (A18) or CRDEGREE (A11).

The values for CREQUIR(n) and CREQUIRE are:

1 = Yes
0 = No

CTRAIN(n) on the Adult file and **CTRAIN** on the Course file signify any training component in the course. They were created from TRNMGMT(n), TRNSUPR(n), TRNPROF(n) TRNTECH(n), TRNCS(n) TRNHLTH(n), TRNQC(n), TRNSALE(n), and TRNEMPL(n) (A17).

The values for CTRAIN(n), and CTRAIN are:

1 = Yes
0 = No

6.4 Guide to the Codebooks

The codebooks, shown in Appendix F, contain complete descriptions of the contents of the data files on the tape. There is a codebook for the Adult file and a codebook for the Course file. The codebooks contain questionnaire items, composite variables, flag variables, and weight variables. The codebooks provide all the pertinent information for the variables in the files, including the variable name, the question wording, the position and format of the variable in the raw file, and the responses to the item. The unweighted frequency, unweighted percent, and weighted percent are provided along with each response. Figure 6-1 provides a description of each of the items appearing in the codebooks.

6.5 SAS and SPSS-X Control Card Listings for File Creation

Appendix C contains listings of the SAS or SPSS-X control cards which will create SAS and SPSS-X files from the raw data files. The label statements contain the labels associated with each of the variables.

FIGURE 6-1.--Example of the codebook format

(1) EVERMARI = (2) A43 EVER MARRIED

(3) A43 Have you ever been married?

(4) POSITION: 181-182
(5) FORMAT: N2

(6) RESPONSE	(7) CODES	(8) FREQ	UNWGTD (9) PERCENT	WGTD (10) PCT
YES	1	9165	72.9	70.0
NO	2	3403	27.1	30.0
TOTALS:		12568	100.0	100.0

DESCRIPTIONS:

(1) Variable name: This is the variable name associated with each item. This is the unique identifier present in the SAS data file and in the SPSS-X data definition cards on tape.

(2) Variable label: A short label which is associated with each of the variables is presented here. This label appears in the SAS data file and SPSS-X data definition cards on tape. Labels contain the item numbers at the beginning for questionnaire items. Some labels begin with the letter "S" to indicate a Screener item and the letter "D" to indicate a composite variable.

(3) Question wording: This is the exact question wording as it appeared in the questionnaire.

(4) Position: This provides the starting and ending position of the variable in the raw data file on tape.

(5) Format: This provides the variable type, its width, and the number of positions after the decimal point, if necessary. A data type of "A" represents alphanumeric variables and data type of "N" represents numeric variables. In this example, EVERMARI is a numeric variable with a length of 2.

(6) Response categories: This column provides the response categories for the variable.

(7) Response codes: This column provides the actual numeric/alphanumeric codes present in the data files on the tape.

(8) Unweighted frequency counts: This column displays the unweighted frequency counts for this variable. The counts for missing values will also be included.

(9) Unweighted percentages: This column displays the unweighted frequency counts from the previous column as percentages. This column will also contain percentages for missing values.

(10) Weighted percentages: This column displays the percentages of frequency counts weighted up to the population. This column will not include percentages for missing values.

VII. DATA ANOMALIES

The purpose of this section is to bring to the user's attention certain anomalies in the NHES:91 AE survey data, to describe the nature of these anomalies, and to suggest possible means of taking them into account when analyzing the AE data.

7.1 Courses Taken in the Past 12 Months

The NHES:91 AE questionnaire collected several pieces of information about the number of courses taken by respondents in the past 12 months: total number of full-time courses is the variable FTNUM (A2), total number of part-time degree-seeking courses is the variable PTNUM (A6), and total number of other AE courses is the variable OTNUM (A9).

Users should be cautioned that FTNUM was asked of persons reporting full-time enrollment in an associate's degree program, a bachelor's or more advanced degree program, or a vocational or occupational program. It was not asked for those adults whose *only* full-time enrollment in the past 12 months was reported as high school, adult literacy, English as a Second Language, or other full-time. Yet there were people reporting full-time enrollment in more than one kind of activity. While item A2 was meant to capture only courses taken toward an associate's, bachelor's, or more advanced degree, or a vocational or occupational program, the question did not limit the response to these types. Rather, the question stem at A2 was "Not counting high school courses, how many total courses did you take as a full-time student in the past 12 months?" It did not limit the respondent to the activities of interest. For example, a person may have reported full-time enrollment in both a basic skills program and an associate's degree program. The associate's degree response would trigger the asking of question A2, and the respondent may have included all of their full-time courses for both programs. Caution should be taken for these kinds of analyses.

7.2 Barriers to Adult Education Participation

The barriers to adult education questions were not asked of adults who reported they were enrolled in full-time school in the past 12 months (except for high school). The assumption here was that those attending school full time were not prevented from pursuing education. Variables affected are PREVJOB, PREVTIME, PREVCOST, PREVLOCA, PREVTRAN, PREVCHIL, PREVFAM, PREVINFO, PREVINT, PREVOTHR, PREVOLD, PREVSICK, PREVDSIR, PREVMOTV, PREVTIRD, PREVBUSY--all components of A41.

7.3 Labor Force Status for Retired Adults

Respondents could report that they were retired at A45a (WORKWEEK), which would skip them out of the labor force series of the questionnaire (the assumption being that they were neither employed nor looking for work, i.e., they were not in the labor force). Others who may have been retired, but who did not report this at A45a were asked the labor force series (A56), and their status was determined from their answers to these questions. The last question in the labor force series gives retired adults another chance to report their status as retired. For adults who reported being retired at either opportunity, the result was the same--they were classified as "not in the labor force."

APPENDIX A

QUESTIONNAIRE

NHES Screener

Hello, this is (NAME). I'm calling on behalf of the U.S. Department of Education. We are conducting a study based on the President's goals for improving education for children and adults. These questions usually take about 5 minutes.

S1. Before we begin, I'd like to be sure that I've dialed correctly. Is this (TELEPHONE NUMBER)?

YES	1	(CONTINUE)
NO	2	(GO TO S1A)
GO TO RESULT CODE	3	

S1A. Thank you very much. It seems that the number has been dialed incorrectly. It is possible that your number may be called at a later time. [REDIAL]

S2. Is this phone number for ...

Home use only	1	(GO TO S3)
Business and home use, or	2	(GO TO S3)
Business use only	3	(STERM1)

STERM1. Thank you very much, but we are only interviewing private residences.

S3. Are you a member of this household at least 16 years old?

YES	1	(GO TO S4)
NO	2	(GO TO S3A)

S3A. May I please speak with a household member who is 16 or older?

AVAILABLE	1	(GO TO S3D)
NOT AVAILABLE	2	(SCHEDULE CALLBACK)
THERE ARE NONE	3	(GO TO S3B)

S3B. May I please speak with the male or female head of this household?

PERSON ON PHONE	1	(CONTINUE)
OTHER PERSON, AVAILABLE	2	(GO TO S3C)
OTHER PERSON, NOT AVAILABLE	3	(SCHEDULE CALLBACK)

S3C. [READ INTRO] Are you the male or female head-of-household?

YES	1	(GO TO S4)
NO	2	(GO TO S3A)

S3D. [READ INTRO] Are you a household member at least 16 years old?

YES	1	(GO TO S4)
NO	2	(GO TO S3A)

NOTE: Response categories shown in mixed cases (upper and lower) were read to the respondent by the interviewer. Those shown in all upper case were not read. Those shown in italics were added during data cleaning (additional codes were created from among the "specify" responses).

NOTE: Unless otherwise noted, responses of "refused" and "don't know" followed the skip pattern for "no."

Early Childhood Education Screening Items

We'd first like to ask a few questions about your household.

S4. The Department of Education is very interested in the early educational experiences of children. Are there any children who live in your household who are between 2 and 9 years old?

YES .... 1 (CONTINUE)
NO .... 2 (AINTRO)

S5. Please tell me the ages of the children in your household who are 2 to 9 years old. [ENTER IN MATRIX: INCLUDE CHILDREN 2 TO 9 YEARS OF AGE ONLY.]

AGE [2-9]	Is this child male or female? [M-F]	Is this child [READ RACES BELOW]	Is (he/she) of Hispanic origin? [(Y=1/N=2]	What is (his/her) first name?

CODES FOR RACE: 1 = White, 2 = Black, 3 = American Indian or Alaskan Native, 4 = Asian or Pacific Islander, 91 = Another race

CREATE HHRACE VARIABLE FROM INFOR ON FIRST CHILD: IF CHILD IS BLACK OR HISPANIC, THEN HHRACE = 1; ELSE HHRACE = 2

ASK S6 AND S7 FOR THE FIRST CHILD

S6. Who is the parent or guardian in this household who knows the most about (CHILD'S) care and education?

NAME____

S7. What is (NAME'S) relationship to (CHILD)?

NATURAL OR ADOPTIVE MOTHER 1
STEPMOTHER/OTHER FEMALE GUARDIAN 2
NATURAL OR ADOPTIVE FATHER 3
STEPFATHER/OTHER MALE GUARDIAN 4
GRANDPARENT 5
BROTHER/SISTER 6
OTHER RELATIVE 7
NONRELATIVE 8

ASK S8, S8A, AND S9 FOR ADDITIONAL CHILD

S8. Who is the parent or guardian in this household who knows the most about (CHILD'S) care and education?

NAME____

S9. What is (NAME'S) relationship to (CHILD)?

NATURAL OR ADOPTIVE MOTHER	1
STEPMOTHER/OTHER FEMALE GUARDIAN	2
NATURAL OR ADOPTIVE FATHER	3
STEPFATHER/OTHER MALE GUARDIAN	4
GRANDPARENT	5
BROTHER/SISTER	6
OTHER RELATIVE	7
NONRELATIVE	8

S8A. [ASK IF NOT OBVIOUS] Is this the same parent or guardian who knows about (PREVIOUS CHILD/CHILDREN'S) care and education?

YES	1	(GO TO S9)
NO	2	(GO TO S8)

GO TO S8 FOR NEXT CHILD OR IF HH IS SAMPLED, GO TO AINTRO AFTER LAST CHILD; IF HH IS NOT SAMPLED GO TO ADDPERS1

Adult Education Screening Items

AINTRO. We are also interested in knowing about the educational activities of people 16 years old and older.

IF S4 = 1, GO TO S10A, ELSE ASK A10AA

S10AA. First, are there any people who normally live in your household who are under the age of 70?

YES	1
NO	2

S10A. What is your age?

AGE

AGE .... ☐☐

S10B. Are you . . .

White	1
Black	2
American Indian or Alaskan Native, or	3
Asian or Pacific Islander?	4
OTHER (SPECIFY)	91

S10C. Are you of Hispanic origin?

YES	1
NO	2

IF RESPONDENT IS BLACK OR HISPANIC, HHRACE = 1; ELSE HHRACE = 2
IF HOUSEHOLD IS SAMPLED FOR ADULT EDUCATION COMPONENT, ASK S10D AND COPY INFORMATION ON RESPONDENT INTO THE MATRIX
IF HOUSEHOLD IS NOT SAMPLED FOR ADULT EDUCATION, AND HAS CHILDREN, GO TO S17
IF HOUSEHOLD IS NOT SAMPLED AND HAS NO CHILDREN, GO TO STERM2

S10D. What is your first name?

NAME________________________________

S10E. [IF NOT KNOWN] Are you . . . .

Male, or	1
Female	2

S11. Please tell me the ages of the (other) people in your household who are 16 or older, including anyone who is living in student housing.

AGE [16-110]	Is this adult male or female? [M/F]	Is this adult [READ RACES BELOW]	Is (he/she) of Hispanic origin? (Y=1/N=2)	What is (his/her) first name?
AGE				

CODES FOR RACE: 1=White, 2=Black, 3=American Indian or Alaskan Native, 4=Asian or Pacific Islander, 91=Another race

ASK S12INTRO THROUGH S14 FOR EACH ADULT

Now I am going to ask you some questions about ((NAME/AGE/SEX)'s/your) participation in three kinds of educational activities over the past year: full-time school, part-time school, and all other kinds of adult education.

S12INTRO. First, (has (NAME/AGE/SEX)/have you) been enrolled as a full-time student in any kind of school, training program, or other educational program in the past 12 months, that is since (INTERVIEW MONTH), 1990?

YES 1
NO 2

IF S12=1 THEN ASK S12A, OTHERWISE SKIP TO S13

S12A. In which of the following types of full-time educational programs (was (NAME/AGE/SEX)/were you) enrolled?
(VERIFY: PAST 12 MONTHS ONLY)

		YES	NO
a.	An elementary school, junior high school, or high school program?	1	2
b.	A program leading to an associate's degree?	1	2
c.	A program leading to a bachelor's or more advanced degree?	1	2
d.	A vocational or occupational training program after completing or leaving high school?	1	2
e.	An adult literacy or basic skills program	1	2
f.	An English as a Second Language (ESL) program	1	2
g.	Some other program (specify) ____________	1	2

IF S12A-CATEGORY A = 1 THEN ASK S12B, OTHERWISE SKIP TO S13

S12B. (Is (NAME/AGE/SEX)/Are you) currently enrolled as a full-time student in an elementary school, junior high school, or high school program?

YES.. 1
NO... 2

IF S12B = 1 THEN DISCONTINUE SERIES

S13. [In addition to (his/her/your) full-time studies] (Has (NAME/AGE/SEX)/Have you) been enrolled as a part-time student at a college or university in an associate's, bachelor's, or graduate degree program, in the past 12 months?

YES.. 1
NO... 2

S14. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether ((NAME/AGE/SEX) has/you have) been involved in any of these in the past 12 months.

		YES	NO
a.	Continuing education courses or noncredit courses?	1	2
b.	Courses by mail, television, radio or newspaper?	1	2
c.	Private instruction or tutoring?	1	2
d.	Educational or training activities given by an employer, labor organization, neighborhood center, church, or community group?................................	1	2
e.	Instruction in basic skills such as math, or reading and writing English?	1	2
f.	Instruction in English as a Second Language?..................	1	2
g.	Or, any other organized educational activities? Please describe: ____________	1	2

ADDPERS1. Now I'd like to verify what I have recorded. I have listed (NUMBER) 2-9 year olds. Is this information correct?

YES.. 1
NO... 2

IF HH WAS NOT SAMPLED, GO TO S17

ADDPERS2. I have listed (NUMBER) adults. Is this information correct?

YES	1
NO	2

IF HOUSEHOLD HAS SAMPLED ADULTS, ASK S15 AND S16 FOR ALL ADULTS WHO ARE NOT THE SCREENER RESPONDENT.

S15. Is (NAME) living there, in student housing, or somewhere else?

LIVENOW

HERE	1	(GO TO S17)
STUDENT HOUSING [That is, school sponsored housing such as a dormitory. Please include all housing sponsored, owned, or leased by the school.]	2	(GO TO S16)
OTHER PRIVATE HOME OR APARTMENT	3	(INELIGIBLE)
INSTITUTION OR GROUP QUARTERS - INCLUDES JAIL/DETENTION CENTER, MEDICAL FACILITY, REHABILITATION CENTER, MENTAL HEALTH FACILITY, MILITARY BARRACKS, GROUP FOSTER CARE	4	(INELIGIBLE)

S16. Would you please give me (his/her) last name and telephone number so that we can call (him/her) to talk about (his/her) educational experiences?

LAST NAME______________________________

PHONE______________________________

Household Characteristics

Now I have a few questions about your household.

S17. What is the total number of people living in your household, including all children and adults?

NUMPERS

NUMBER.. ☐☐

S18. In what county do you live?

COUNTY________________________

S19. What kind of home do you live in? Is it . . .

HOMETYPE

A single family house or townhouse........................ 1
An apartment, or........................ 2
Some other type of home........................ 3

S20. Do you . . .

OWNHOME

Own your home........................ 1
Rent your home, or........................ 2
Have some other arrangement........................ 3

S21. In addition to (NUMBER CALLED), do you have other phone numbers in your household?

YES........................ 1 (GO TO S21A)
NO........................ 2 (GO TO S22)

S21A. How many of these other phone numbers are used at least in part for home use?

NUMBER.. ☐

S22. In studies like this, households are sometimes grouped according to income. Can you tell me which group best describes an estimate of the total income of all persons in your household over the past year. Please include income from all sources, such as salaries or other earnings, interest, retirement, and so on for all household members. Is your household income . . .

$25,000 or less, or........................ 1 (READ SET 1)
more than $25,000........................ 2 (READ SET 2)

S22A (Was it/Which of the following ranges includes your household income?)

[SET 1]

INCOMRNG

$5,000 or less........................ 1
$5,001 to $10,000........................ 2
$10,001 to $15,000........................ 3
$15,001 to $20,000........................ 4
$20,001 to $25,000........................ 5

[SET 2]

$25,001 to $30,000	6
$30,001 to $40,000	7
$40,001 to $50,000	8
$50,001 to $75,000	9
over $75,000	10

IF EXTENDED INTERVIEWS ARE TO BE DONE:
INTERVIEWER IDENTIFIES RESPONDENT ON "SID" SCREEN;
GO TO HHSELECT[1] TO SELECT AVAILABLE RESPONDENT FOR INTERVIEW

IF HH HAS NO CHILDREN AND WAS NOT SAMPLED FOR ADULT ED, OR
IF HH HAS NO CHILDREN AND WAS SAMPLED FOR ADULT ED BUT NO EXTENDEDS, READ STERM2.

STERM2. Those are all the questions I have about your household. Thank you very much for your assistance.

---

[1] HHSELECT is a CATI screen used to identify interviews to be completed in a given household and the respondent for each interview.

IF ADULT IS ALSO THE SCREENER RESPONDENT THEN READ MODIFIED VERSION OF THE INTRODUCTION AND SKIP TO THE BOX AFTER A1B

Hello, my name is (INTERVIEWER). I am calling on behalf of the U.S. Department of Education. We are conducting a voluntary and confidential national study about the educational activities of adults, and would like to ask you a couple of questions about your participation in three kinds of educational activities over the past year: full-time school, part-time school, and all other kinds of adult education. Keep in mind that we are interested not only in classes taken for a degree or certificate, but also in educational activities that are job related, and those taken for personal enjoyment or recreation.

A1INTRO. First, have you been enrolled as a full-time student in any kind of school, training program, or other educational program in the past 12 months, that is since (INTERVIEW MONTH) 1, 1990?

FTANY	YES	1
	NO	2

IF A1INTRO = 1 THEN ASK A1A, OTHERWISE SKIP TO A4

A1A. In which of the following types of full-time educational programs were you enrolled? (VERIFY: PAST 12 MONTHS ONLY)

			YES	NO
FTSCHOOL	a.	An elementary school, junior high school, or high school program?	1	2
FTASSOC	b.	A program leading to an associate's degree?	1	2
FTBACHLR	c.	A program leading to a bachelor's or more advanced degree?	1	2
FTVOCA	d.	A vocational or occupational training program after completing or leaving high school?	1	2
FTBASIC	e.	An adult literacy or basic skills program	1	2
FTENGLSH	f.	An English as a Second Language (ESL) program	1	2
FTOTHER	g.	Some other program (specify) ____________	1	2
FTGED	*h.*	*GED*	1	2
FTCERT	*i.*	*Professional certification/recertification*	1	2

IF A1A-CATEGORY A = 1 THEN ASK A1B, OTHERWISE SKIP TO THE BOX AFTER A1B

NOTE: Response categories shown in mixed case (upper and lower) were read to the respondent by the interviewer. Those shown in all upper case were not read. Those shown in italics were added during data cleaning (additional codes were created from among the "specify" responses).

NOTE: Unless otherwise noted, responses of "refused" and "don't know" followed the skip pattern for "no."

A1B. Are you currently enrolled as a full-time student in an elementary school, junior high school, or high school program?

CURENROL	YES	1
	NO	2

IF A1B = 1 THEN TERMINATE
ASK A2 AND A3 IF ENROLLED IN A FULL-TIME ASSOCIATE'S, BACHELOR'S OR MORE ADVANCED DEGREE PROGRAM, OR A VOCATIONAL OR OCCUPATIONAL TRAINING PROGRAM, OTHERWISE SKIP TO THE BOX AFTER A3

A2. [Not counting high school courses] How many total courses did you take as a full-time student in the past 12 months?

FTNUM NUMBER OF COURSES ☐☐

A3. What is or was your most recent program of study as a full-time student?

PROGRAM OF STUDY ______________________

IF ADULT IS ALSO THE SCREENER RESPONDENT, SKIP TO THE BOX AFTER A4

A4. [In addition to your full-time studies] Have you been enrolled as a part-time student at a college or university in an associate's, bachelor's, or graduate degree program, in the past 12 months?

PTENROLL	YES	1
	NO	2

ASK A5, A6, AND A7 IF ENROLLED AS A PART-TIME STUDENT, OTHERWISE SKIP TO BOX AFTER A7

A5. What degree are or were you seeking as a part-time college student?

PTDEGREE	ASSOCIATE'S	1
	BACHELOR'S	2
	MASTER'S	3
	DOCTORATE	4
	PROFESSIONAL CERTIFICATION/RECERTIFICATION	5
	OTHER (SPECIFY) ______________	91

A6. How many courses did you take as a part-time student for credit toward your degree in the past 12 months, including any that you did not complete?

PTNUM NUMBER OF COURSES ☐☐

A7. What is or was your most recent program of study as a part-time student?

PROGRAM OF STUDY ______________________

IF ADULT IS ALSO THE SCREENER RESPONDENT, SKIP TO THE BOX AFTER A8

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.

			YES	NO
OTNONCR	a.	Continuing education courses or noncredit courses?	1	2
OTCORRS	b.	Courses by mail, television, radio or newspaper?	1	2
OTPRIV	c.	Private instruction or tutoring?	1	2
OTGROUP	d.	Educational or training activities given by an employer, labor organization, neighborhood center, church, or community group?	1	2
OTBASIC	e.	Instruction in basic skills such as math, or reading and writing English?	1	2
OTENGL	f.	Instruction in English as a Second Language?	1	2
OTOTHER	g.	Or, any other organized educational activity? Please describe: ____________	1	2
OTGED	*h.*	*GED*	1	2
OTCOMP	*i.*	*Computers (unspecified)*	1	2

IF ANY A8a - A8i = 1, OTCLASS = 1, ELSE OTCLASS = 2

IF NOT ENROLLED IN A PART-TIME PROGRAM OR IN OTHER NON-FULL-TIME ADULT EDUCATION, SKIP TO A36

A9. [Not counting (full-time school) (or) (part-time classes for credit toward a degree)] How many separate adult education activities have you participated in during the past 12 months, including any that you did not complete?

OTNUM NUMBER OF COURSES .... ☐☐

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree)) can you tell me the name(s) of the (four most recent) adult education activit(y/ies) or course(s). (VERIFY: PAST 12 MONTHS ONLY)

OTNAME1 NAME 1 ______________________________

OTNAME2 NAME 2 ______________________________

OTNAME3 NAME 3 ______________________________

OTNAME4 NAME 4 ______________________________

ASK A11 FOR PART-TIME DEGREE SEEKERS WHOSE COURSE TOTAL IN A6 IS GREATER THAN OR EQUAL TO THE TOTAL NUMBER OF COURSES MENTIONED IN A10

A11. Are all of the courses you just mentioned for credit toward your degree?

CRDEGREE
YES 1
NO 2

CYCLE THROUGH A12 TO A34A FOR EACH COURSE OR ACTIVITY MENTIONED

A12. In what general subject matter area was (NAME 1)?

SUBJECT MATTER ____________________

A13. Was your main reason for taking (NAME 1):

TAKEREA(n)*
A personal, family, or social reason 1
To improve, advance, or keep up to date on your current job 2
To train for a new job or a new career 3
To improve your basic reading, writing, or math skills 4
To meet a requirement for a diploma, degree, or certificate of completion, or 5
Did you have some other main reason (SPECIFY) ______________ 91

ASK A14 IF MAIN REASON WAS NOT JOB RELATED. IF MAIN REASON WAS JOB RELATED, SKIP TO A17

A14. Did you also have any employment- or career-related reasons for taking (NAME 1)?

EMPLREA(n)
YES 1
NO 2

ASK A17 IF A REASON FOR TAKING COURSE FROM A13 OR A14 WAS JOB RELATED, OTHERWISE SKIP TO A18

A17. Did (NAME 1) include any of the following types of employment- or career-related training:

			YES	NO
TRNMGMT(n)	a.	Executive or management development training	1	2
TRNSUPR(n)	b.	Supervisory training	1	2
TRNPROF(n)	c.	Professional development training	1	2
TRNTECH(n)	d.	Technical or skilled worker training	1	2
TRNCS(n)	e.	Word processing or computer software training	1	2
TRNHLTH(n)	f.	Job health and safety training	1	2
TRNQC(n)	g.	Training in areas such as quality control or statistical process control	1	2
TRNSALE(n)	h.	Sales and marketing training	1	2
TRNEMPL(n)	i.	Training as a new employee, or	1	2
TRNOTHE(n)	j.	Some other kind of training (SPECIFY) ______________	1	2

*Variables with the designation (n) end in the course record number on the Adult file.

IF MAIN REASON FOR COURSE FROM A13 WAS TO SATISFY REQUIREMENT FOR DIPLOMA OR DEGREE, SKIP TO A19,
IF ALL COURSES ARE TOWARD PART-TIME DEGREE, SKIP TO A20

A18. Did you take (NAME 1) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

REQUIRE(n)	YES	1
	NO	2

IF A18 EQUALS 2, SKIP TO A20, OTHERWISE ASK A19

A19. What type of certificate, diploma, or degree will (NAME 1) fulfill a requirement for?

DEGREE(n)	8TH GRADE CERTIFICATE OF COMPLETION	1
	HIGH SCHOOL DIPLOMA (INCLUDING EQUIVALENCY CERTIFICATE)	2
	VOCATIONAL DIPLOMA OR CERTIFICATE (BEYOND HIGH SCHOOL)	3
	2-YEAR DEGREE FROM A COLLEGE OR TECHNICAL INSTITUTE (ASSOCIATE'S DEGREE)	4
	4-YEAR DEGREE FROM A COLLEGE OR UNIVERSITY	5
	GRADUATE OR PROFESSIONAL DEGREE OR CERTIFICATION	6
	COLLEGE CERTIFICATE	7
	LICENSE	8
	INELIGIBLE TYPE REPORTED	0
	OTHER (SPECIFY) ______________	91

A20. Did you take (NAME 1) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

LICENSE(n)	YES	1
	NO	2

ASK A20OV IF A20 EQUALS 1, OTHERWISE SKIP TO A21

A20OV. Was it to obtain or renew a license or certification?

OBTAIN(n)	OBTAIN LICENSE OR CERTIFICATION	1
	RENEW LICENSE OR CERTIFICATION	2

We are interested in knowing who offered the instruction for (NAME 1), as opposed to who sponsored or taught the class. In particular . . .

A21. What school, organization, business, or person provided the instruction for (NAME 1)?

PROVIDER ______________________________

NOTE: PROCEDURE FOR A22 WILL RECEIVE STRONG EMPHASIS AT INTERVIEWER TRAINING.

A22. Would that be:
[READ LIKELY ANSWER]

SPONTYP(n)	An elementary school, junior high school or high school	1
	A 2-year community or junior college, or technical institute	2
	A 4-year college or university	3
	A vocational, trade, business, hospital, or flight school	4
	A tutor or private instructor	5
	A business or industry	6
	A labor organization or professional association	7
	A library	8
	A federal, state, county, or local governmental agency	9
	A private community organization	10
	Or someone else (SPECIFY) ____________	91

A23. Was this provider also your employer?

EMPLPRO(n)	YES	1
	NO	2

IF PROVIDER WAS EMPLOYER SKIP TO A24, OTHERWISE ASK A23A

A23a. Were you employed at the time?

EMPLTIM(n)	YES	1
	NO	2

IF PROVIDER WAS EMPLOYER ASK A24, OTHERWISE SKIP TO BOX ABOVE A25

A24. Was participation in (NAME 1) limited to employees only?

EMPLONL(n)	YES	1
	NO	2

IF PROVIDER WAS EMPLOYER OR IF EMPLOYED AT THE TIME, ASK A25, OTHERWISE SKIP TO A27

A25. Was (NAME 1) given at your place of work?

ATWORK(n)	YES	1
	NO	2

A25a. Did your employer require you to take (NAME 1)?

EMPLREQ(n)	YES	1
	NO	2

A26. Were you given time off from work to attend (NAME 1), (either with or without pay)?

TIMEOFF(n)	YES	1
	NO	2

IF GIVEN AT PLACE OF WORK, SKIP TO A28

A27. Was (NAME 1) a correspondence course?

CORRESP(n)	YES	1
	NO	2

IF A CORRESPONDENCE COURSE, ASK A28, OTHERWISE SKIP TO A29

A28. Was instruction provided . . .

MAILTV(n)	Through the mail, or	1
	By television or radio	2

A29. Who paid for you to take (NAME 1)? Was it . . .
[CODE ALL THAT APPLY]

			YES	NO
PAIDFAM(n)	a.	You or your family (including loans)	1	2
PAIDFED(n)	b.	The Federal government (including military)	1	2
PAIDSTA(n)	c.	A State, county, or local government, including public schools	1	2
PAIDBUS(n)	d.	A business or industry	1	2
PAIDPRI(n)	e.	A private organization, such as a church or professional association, or	1	2
PAIDOTH(n),	f.	Was it someone else (SPECIFY) ________	1	2
PAIDFRE(n)	g.	In other words, there was no charge (SPECIFY) ________	1	2
PAIDUNI(n)	*h.*	*University or other postsecondary institution*	1	2

IF SELF OR FAMILY ONLY SOURCE MENTIONED IN A29, OR IF NOT EMPLOYED AT TIME OF COURSE, SKIP TO A31
IF THERE WAS NO CHARGE FOR THE COURSE (A29G = 1) THEN SKIP TO A32

A30. Was your employer one of the sources you just mentioned?

PAIDEMP(n)	YES	1
	NO	2

IF SELF OR FAMILY NOT MENTIONED AS SOURCE, SKIP TO A32

A31. How much did you and your family pay for tuition and required fees for (NAME 1)?

TUITION(n) AMOUNT .... $☐☐☐☐☐.☐☐

ASK A31A IF A VALID AMOUNT WAS REPORTED IN A31, OTHERWISE SKIP TO A32

A31a. Was this amount for more than one course?

TUITONE(n)	YES	1
	NO	2

IF YES TO A31A, ASK A31B, OTHERWISE SKIP TO A32

A31b. How many courses did this payment cover?

TUITNUM(n) NUMBER OF COURSES .... ☐☐

NOTE: FOR QUESTIONS A32 AND A33 THE SECOND DISPLAY OPTION SHOWN WILL BE USED FOR CORRESPONDENCE COURSES ONLY.

A32. How many weeks (was (NAME 1) scheduled to run/did (NAME 1) take to complete)?

CLASNUM(n) NUMBER .... ☐☐

	UNITS	
CLASUNI(n)	WEEKS	1
	MONTHS	2
	SEMESTERS	3
	QUARTERS	4
	YEARS	5

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME 1)?

CLASHRS(n)	HOURS PER WEEK	☐☐

A34. Did you complete (NAME 1)?

COMPLET(n)	YES	1
	NO	2

ASK A34A IF A34 EQUALS 2, OTHERWISE SKIP TO A35

A34a. Are you still taking (NAME 1) or did you drop it before finishing?

TAKING(n)	STILL TAKING COURSE (INCLUDES "INCOMPLETES")	1
	DROPPED COURSE	2

CURRENT PARTICIPANTS ANSWER (A4 = 1 OR ANY A8 = 1) A15-A35 ONCE

ASK A15 IF NO MAIN REASON FROM A13 WAS BASIC SKILLS, OTHERWISE SKIP TO A16

A15. Did you take any course in the past 12 months that involved training in basic skills such as math, and reading and writing English?

BASIC	YES	1
	NO	2

A16. Did you take any course in the past 12 months that involved instruction in English as a Second Language?

ENGLISH	YES	1
	NO	2

A35. Did you take any course in the past 12 months to prepare for naturalization as an American citizen?

CITIZEN	YES	1
	NO	2

CURRENT PARTICIPANTS (A4 = 1 OR ANY A8 = 1) SKIP TO A38

A36INTRO Now I have a few questions about your background.

A36. Not counting full-time school, have you ever taken any adult education courses or participated in any organized adult education activities?

AECOURSE
YES 1
NO 2

ASK A37 IF YES TO A36, OTHERWISE SKIP TO A38

A37. Was this in the past three years (since spring 1988)?

AEPAST3
YES 1
NO 2

A38. Thinking of yourself, can you see any benefit to your job or career in taking (additional) adult education courses or participating in adult education activities?

AEJOB
YES 1
NO 2

A39. Can you see any benefit of (additional) adult education for your basic reading, writing, or mathematics skills?

AEBASIC
YES 1
NO 2

A40. Would you have any use for (additional) adult education courses or activities to help you to obtain or renew a license or certification in a trade or profession?

AELICENS
YES 1
NO 2

ASK A41 IF NOT A FULL-TIME STUDENT IN THE PAST 12 MONTHS (OTHER THAN ELEMENTARY/SECONDARY), OTHERWISE SKIP TO A42

A41. Have any of the following things kept you from participating in (additional) adult education?

			YES	NO
PREVJOB	a.	Your work schedule	1	2
PREVTIME	b.	The meeting times of classes	1	2
PREVCOST	c.	The cost of classes	1	2
PREVLOCA	d.	The location of classes	1	2
PREVTRAN	e.	Lack of transportation to classes	1	2
PREVCHIL	f.	Lack of child care	1	2
PREVFAM	g.	Other family responsibilities	1	2
PREVINFO	h.	Lack of information about available classes	1	2
PREVINT	i.	Classes of interest are not offered, or	1	2
PREVOTHR	j.	Was there anything else that might have kept you from participating (SPECIFY) ________	1	2
PREVOLD	*k.*	*Old age*	1	2
PREVSICK	*l.*	*Sickness*	1	2
PREVDSIR	*m.*	*No interest/desire*	1	2
PREVMOTV	*n.*	*Motivation*	1	2
PREVTIRD	*o.*	*Tired/exhausted*	1	2
PREVBUSY	*p.*	*General time problem/busy*	1	2

P5B. CARENUM

How many additional programs or arrangements does (he/she) have?

NUMBER.. ☐

ASK P5C THROUGH P5E FOR EACH ADDITIONAL ARRANGEMENT

P5C.

What type of care arrangement or educational program is (this/the first/the next) additional program that (CHILD) goes to?

[ENTER DESCRIPTION FOR ONLY ONE PROGRAM; PROBE FOR COMPLETE INFO]

____

____

____

PROGCOD(n)

Religious Education	1
Library Programs	2
Physical Education Activities	3
Art Ed/Peforming Arts	4
Individual Special Ed	5
Before/After School Care	6
Mother's Day Out	7
Other	8

P5D. PROGDAY(n)

How may days each week does (CHILD) go to this program or arrangement?

DAYS.. ☐

P5E. PROGHRS(n)

How may hours each week does (CHILD) go to this program or arrangement?

HOURS.. ☐☐

P6INTRO

Now I'd like to ask you some questions about [(CHILD'S) (kindergarten/pre-first grade) experience/your plans for (CHILD'S) kindergarten enrollment].

ASK P6 THRU P9 IF CHILD HAS NOT YET STARTED KINDERGARTEN;
ASK P10 THRU P18 FOR CHILDREN IN KINDERGARTEN, TRANSITIONAL KINDERGARTEN OR PREFIRST (C6 = OR C7 = K, T, P)

CHILDREN NOT YET ENROLLED IN KINDERGARTEN

P6. STRTKIND

When do you expect (CHILD) to start kindergarten?

DON'T PLAN FOR CHILD TO ATTEND K	1	(ASK TO P6A)
THIS COMING FALL	2	(BOX BEFORE P7)
FALL 1992	3	(BOX BEFORE P7)
FALL 1993	4	(BOX BEFORE P7)
FALL 1994	5	(BOX BEFORE P7)

IF A23 = 1 OR IF A23A = 1 (WHICH INDICATES THAT THEY WERE AT ONE TIME EMPLOYED) THEN SKIP TO A45A

A45. Have you ever worked at a job for pay?

WORKPAY	YES	1
	NO	2

IF EVER WORKED AT A JOB FOR PAY (A45 = 1 OR -1), ASK A45A, OTHERWISE SKIP TO A54

A45a. During the past week did you work at a job for pay?

WORKWEEK	YES	1
	NO	2
	RETIRED	3

IF WORKED LAST WEEK OR RETIRED, SKIP TO A47

A46. Were you on leave or vacation from a job?

VACATION	YES	1
	NO	2

A47. For whom (do/did) you work (when you last worked)? [PROBE: NAME OF THE COMPANY, BUSINESS, ORGANIZATION, OR OTHER EMPLOYER. IF MORE THAN ONE CURRENT JOB, ASK ABOUT THE ONE AT WHICH RESPONDENT SPENDS THE MOST TIME.]

SPECIFY ______________________________

A48. What kind of business or industry (is/was) this? [PROBE: FOR EXAMPLE -- TV AND RADIO MFG., RETAIL SHOE STORE, STATE LABOR DEPT., FARM.]

SPECIFY ______________________________

A49. What kind of work (are/were) you doing? [PROBE: FOR EXAMPLE -- ELECTRICAL ENGINEER, STOCK CLERK, TYPIST, FARMER]

SPECIFY ______________________________

A50. What (are/were) your most important activities or duties at this job? [PROBE: FOR EXAMPLE -- TYPING, KEEPING ACCOUNT BOOKS, FILING, SELLING CARS, OPERATING PRINTING PRESS, FINISHING CONCRETE.]

SPECIFY ______________________________

ASK A51 IF NOT CURRENTLY EMPLOYED OR ON LEAVE OR VACATION FROM A JOB, OTHERWISE SKIP TO A52

A51. In what month and year did you leave this job?

LEAVEMM	MONTH	☐☐
LEAVEYY	YEAR	☐☐

A52. About how many total hours per week (do/did) you usually work for pay?
[IF HOURS VARY, PROBE FOR ESTIMATE OR AVERAGE PER WEEK. INCLUDE IN COUNT THE TOTAL HOURS AT ALL JOBS.]

WORKHRS	WEEKLY HOURS	☐☐

A53. About how much (do/did) you earn per hour, before taxes and other deductions?
[IF DOES NOT KNOW HOURLY, PROBE FOR WEEKLY, ETC. IF MORE THAN ONE CURRENT JOB, ASK ABOUT THE ONE AT WHICH RESPONDENT SPENDS THE MOST TIME.]

SALARY*	AMOUNT	$☐☐☐☐☐☐.☐☐
	PER	
	HOUR	1
	DAY	2
	WEEK	3
	MONTH	4
	YEAR	5
	EVERY TWO WEEKS	6
	OTHER (SPECIFY) ______________	91

IF WORKED LAST WEEK, ON LEAVE OR VACATION FROM A JOB, OR RETIRED, SKIP TO A57

A54. Have you been actively looking for work in the past 4 weeks?

LOOKWORK	YES	1
	NO	2

IF ACTIVELY LOOKING FOR WORK, ASK A55, OTHERWISE SKIP TO A56

---

*Data from A53 used to calculate annual salary.

A55. What have you been doing in the last 4 weeks to find work?
[CODE ALL THAT APPLY]

			YES	NO
LOOKPUBL	a.	CHECKED WITH PUBLIC EMPLOYMENT AGENCY	1	2
LOOKPRIV	b.	CHECKED WITH PRIVATE EMPLOYMENT AGENCY	1	2
LOOKEMPL	c.	CHECKED WITH EMPLOYER DIRECTLY	1	2
LOOKFRND	d.	CHECKED WITH FRIENDS OR RELATIVES	1	2
LOOKADS	e.	PLACED OR ANSWERED ADS	1	2
LOOKNOTH	f.	NOTHING THAT QUALIFIES	1	2
LOOKOTHR	g.	OTHER (SPECIFY) ______________	1	2

IF A55A-E = 1 OR IF FULL-TIME STUDENT, SKIP TO A57

A56. What were you doing most of last week?

LASTACTY	KEEPING HOUSE/CARING FOR CHILDREN	1
	GOING TO SCHOOL	2
	RETIRED	3
	UNABLE TO WORK	4
	OTHER (SPECIFY) ______________	91

A57. Do you have any children under 16 years of age who live with you?

UNDER16	YES	1
	NO	2

ASK A58 IF YES TO A57

A58. How many do you have?

UNDER16N NUMBER ☐☐

A59. What is the highest grade or year of school that you completed?

HIGHGRAD	UP TO EIGHTH GRADE	1
	NINTH TO ELEVENTH GRADE	2
	HIGH SCHOOL DIPLOMA OR EQUIVALENT	3
	VOCATIONAL/TECHNICAL AFTER HS	4
	1-2 YEARS OF COLLEGE	5
	ASSOCIATE'S DEGREE	6
	3-4 YEARS OF COLLEGE	7
	BACHELOR'S DEGREE	8
	GRADUATE OR PROFESSIONAL SCHOOL	9

ASK A60 IF HIGHEST GRADE WAS VOCATIONAL/TECHNICAL AFTER HS OR SOME COLLEGE, OTHERWISE SKIP TO A61

APPENDIX B

VARIABLE LISTS:

ADULT FILE AND COURSE FILE

ADULT FILE VARIABLES

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
PERSID	PERS KEY = BASEID ¦¦ 2-DIGIT PERSNUM	A	9	1	9
AGE	AGE AS OF JANUARY 1,1991	N	2	10	11
LIVENOW	S15 WHERE DOES PERSON LIVE NOW	N	2	12	13
NUMPERS	S17 TOTAL NUMBER OF PEOPLE LIVING IN HH	N	2	14	15
HOMETYPE	S19 TYPE OF HOME	N	2	16	17
OWNHOME	S20 OWN HOME	N	2	18	19
INCOMRNG	S22A TOTAL HOUSEHOLD INCOME - RANGE	N	2	20	21
FTANY	A1INTRO ENROLLED AS FT STUDENT PAST 12	N	2	22	23
FTSCHOOL	A1a FT ELEMENTARY OR HIGH SCHOOL	N	2	24	25
FTASSOC	A1b FT ASSOCIATE'S DEGREE PROGRAM	N	2	26	27
FTBACHLR	A1c FT BACHELOR'S DEGREE PROGRAM ++	N	2	28	29
FTVOCA	A1d FT VOCATIONAL/OCCUPATIONAL TRAINING	N	2	30	31
FTBASIC	A1e FT ADULT LITERACY/BASIC SKILLS PRGRM	N	2	32	33
FTENGLSH	A1f FT ENGLISH AS 2ND LANGUAGE PROGRAM	N	2	34	35
FTOTHER	A1g FT SOME OTHER PROGRAM	N	2	36	37
FTGED	A1h ENROLLED FT IN GED PROGRAM-RECODE	N	2	38	39
FTCERT	A1i ENROLLED FT-PROF CERTIFICATE-RECODE	N	2	40	41
CURENROL	A1B CURRENTLY ENROLLED AS FULL-TIME STDN	N	2	42	43
FTNUM	A2 # CLASSES AS FT STUDENT PAST 12	N	2	44	45
PTENROLL	A4 ENROLLED AS PT STUDENT PAST 12	N	2	46	47
PTDEGREE	A5 SEEKING PART-TIME DEGREE	N	2	48	49
PTNUM	A6 # PART-TIME CLASSES FOR CREDIT	N	2	50	51
OTNONCR	A8A CONTINUING EDUCATION/NONCREDIT COURS	N	2	52	53
OTCORRS	A8B COURSES BY MAIL,TV,RADIO,NEWSPAPER	N	2	54	55
OTPRIV	A8C PRIVATE INSTRUCTION OR TUTORING	N	2	56	57
OTGROUP	A8D ED ACTIVITY BY EMPLOYER,COMMUNITY	N	2	58	59
OTBASIC	A8E INSTRUCTION IN BASIC SKILLS	N	2	60	61
OTENGL	A8F INSTRUCTION IN ENGLISH AS 2ND LANGUA	N	2	62	63
OTOTHER	A8G OTHER ORGANIZED ED ACTIVITY	N	2	64	65
OTGED	A8H GED/HS COMPLETION-RECODE	N	2	66	67
OTCOMP	A8I COMPUTERS-RECODE	N	2	68	69
OTCLASS	D-OTHER CLASSES TAKEN DURING PAST 12 MO	N	2	70	71
OTNUM	A9 # OTHER CLASSES TAKEN DURING PAST 12	N	2	72	73
OTNAME1	A10 MOST RECENT AE CLASS 1	A	40	74	113
OTNAME2	A10 MOST RECENT AE CLASS 2	A	40	114	153
OTNAME3	A10 MOST RECENT AE CLASS 3	A	40	154	193
OTNAME4	A10 MOST RECENT AE CLASS 4	A	40	194	233
CRDEGREE	A11 A10 CLASSES FOR CREDIT TOWARD DEGREE	N	2	234	235
TAKEREA1	A13 MAIN REASON FOR TAKING A10 CL REC# 1	N	2	236	237
TAKEREA2	A13 MAIN REASON FOR TAKING A10 CL REC# 2	N	2	238	239
TAKEREA3	A13 MAIN REASON FOR TAKING A10 CL REC# 3	N	2	240	241
TAKEREA4	A13 MAIN REASON FOR TAKING A10 CL REC# 4	N	2	242	243
EMPLREA1	A14 CAREER REASONS FOR TAKING A10 REC# 1	N	2	244	245
EMPLREA2	A14 CAREER REASONS FOR TAKING A10 REC# 2	N	2	246	247
EMPLREA3	A14 CAREER REASONS FOR TAKING A10 REC# 3	N	2	248	249
EMPLREA4	A14 CAREER REASONS FOR TAKING A10 REC# 4	N	2	250	251
TRNMGMT1	A17A EXECUTIVE MGMT DEVELOPMENT T REC# 1	N	2	252	253
TRNMGMT2	A17A EXECUTIVE MGMT DEVELOPMENT T REC# 2	N	2	254	255
TRNMGMT3	A17A EXECUTIVE MGMT DEVELOPMENT T REC# 3	N	2	256	257
TRNMGMT4	A17A EXECUTIVE MGMT DEVELOPMENT T REC# 4	N	2	258	259
TRNSUPR1	A17B SUPERVISORY TRAINING REC# 1	N	2	260	261
TRNSUPR2	A17B SUPERVISORY TRAINING REC# 2	N	2	262	263
TRNSUPR3	A17B SUPERVISORY TRAINING REC# 3	N	2	264	265
TRNSUPR4	A17B SUPERVISORY TRAINING REC# 4	N	2	266	267
TRNPROF1	A17C PROFESSIONAL DEVELOPMENT TRA REC# 1	N	2	268	269
TRNPROF2	A17C PROFESSIONAL DEVELOPMENT TRA REC# 2	N	2	270	271
TRNPROF3	A17C PROFESSIONAL DEVELOPMENT TRA REC# 3	N	2	272	273

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
TRNPROF4	A17C PROFESSIONAL DEVELOPMENT TRA REC# 4	N	2	274	275
TRNTECH1	A17D TECHNICAL/SKILLED WORKER TRA REC# 1	N	2	276	277
TRNTECH2	A17D TECHNICAL/SKILLED WORKER TRA REC# 2	N	2	278	279
TRNTECH3	A17D TECHNICAL/SKILLED WORKER TRA REC# 3	N	2	280	281
TRNTECH4	A17D TECHNICAL/SKILLED WORKER TRA REC# 4	N	2	282	283
TRNCS1	A17E WORD PROCESSING/COMPUTER SOF REC# 1	N	2	284	285
TRNCS2	A17E WORD PROCESSING/COMPUTER SOF REC# 2	N	2	286	287
TRNCS3	A17E WORD PROCESSING/COMPUTER SOF REC# 3	N	2	288	289
TRNCS4	A17E WORD PROCESSING/COMPUTER SOF REC# 4	N	2	290	291
TRNHLTH1	A17F JOB HEALTH AND SAFETY TRAINI REC# 1	N	2	292	293
TRNHLTH2	A17F JOB HEALTH AND SAFETY TRAINI REC# 2	N	2	294	295
TRNHLTH3	A17F JOB HEALTH AND SAFETY TRAINI REC# 3	N	2	296	297
TRNHLTH4	A17F JOB HEALTH AND SAFETY TRAINI REC# 4	N	2	298	299
TRNQC1	A17G QUALITY CONTROL/STATISTICAL REC# 1	N	2	300	301
TRNQC2	A17G QUALITY CONTROL/STATISTICAL REC# 2	N	2	302	303
TRNQC3	A17G QUALITY CONTROL/STATISTICAL REC# 3	N	2	304	305
TRNQC4	A17G QUALITY CONTROL/STATISTICAL REC# 4	N	2	306	307
TRNSALE1	A17H SALES AND MARKETING TRAINING REC# 1	N	2	308	309
TRNSALE2	A17H SALES AND MARKETING TRAINING REC# 2	N	2	310	311
TRNSALE3	A17H SALES AND MARKETING TRAINING REC# 3	N	2	312	313
TRNSALE4	A17H SALES AND MARKETING TRAINING REC# 4	N	2	314	315
TRNEMPL1	A17I NEW EMPLOYEE TRAINING REC# 1	N	2	316	317
TRNEMPL2	A17I NEW EMPLOYEE TRAINING REC# 2	N	2	318	319
TRNEMPL3	A17I NEW EMPLOYEE TRAINING REC# 3	N	2	320	321
TRNEMPL4	A17I NEW EMPLOYEE TRAINING REC# 4	N	2	322	323
TRNOTHE1	A17J SOME OTHER KIND OF TRAINING REC# 1	N	2	324	325
TRNOTHE2	A17J SOME OTHER KIND OF TRAINING REC# 2	N	2	326	327
TRNOTHE3	A17J SOME OTHER KIND OF TRAINING REC# 3	N	2	328	329
TRNOTHE4	A17J SOME OTHER KIND OF TRAINING REC# 4	N	2	330	331
REQUIRE1	A18 TAKE A10 CLASS TO MEET REQUIR REC# 1	N	2	332	333
REQUIRE2	A18 TAKE A10 CLASS TO MEET REQUIR REC# 2	N	2	334	335
REQUIRE3	A18 TAKE A10 CLASS TO MEET REQUIR REC# 3	N	2	336	337
REQUIRE4	A18 TAKE A10 CLASS TO MEET REQUIR REC# 4	N	2	338	339
DEGREE1	A19 A10 CLASS FULFILLS TYPE REQUI REC# 1	N	2	340	341
DEGREE2	A19 A10 CLASS FULFILLS TYPE REQUI REC# 2	N	2	342	343
DEGREE3	A19 A10 CLASS FULFILLS TYPE REQUI REC# 3	N	2	344	345
DEGREE4	A19 A10 CLASS FULFILLS TYPE REQUI REC# 4	N	2	346	347
LICENSE1	A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 1	N	2	348	349
LICENSE2	A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 2	N	2	350	351
LICENSE3	A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 3	N	2	352	353
LICENSE4	A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 4	N	2	354	355
OBTAIN1	A20OV OBTAIN OR RENEW LICENSE/CER REC# 1	N	2	356	357
OBTAIN2	A20OV OBTAIN OR RENEW LICENSE/CER REC# 2	N	2	358	359
OBTAIN3	A20OV OBTAIN OR RENEW LICENSE/CER REC# 3	N	2	360	361
OBTAIN4	A20OV OBTAIN OR RENEW LICENSE/CER REC# 4	N	2	362	363
SPONTYP1	A22 A10 CLASS SPONSORED BY TYPE O REC# 1	N	2	364	365
SPONTYP2	A22 A10 CLASS SPONSORED BY TYPE O REC# 2	N	2	366	367
SPONTYP3	A22 A10 CLASS SPONSORED BY TYPE O REC# 3	N	2	368	369
SPONTYP4	A22 A10 CLASS SPONSORED BY TYPE O REC# 4	N	2	370	371
EMPLPRO1	A23 A10 CLASS SPONSOR IS EMPLOYER REC# 1	N	2	372	373
EMPLPRO2	A23 A10 CLASS SPONSOR IS EMPLOYER REC# 2	N	2	374	375
EMPLPRO3	A23 A10 CLASS SPONSOR IS EMPLOYER REC# 3	N	2	376	377
EMPLPRO4	A23 A10 CLASS SPONSOR IS EMPLOYER REC# 4	N	2	378	379
EMPLTIM1	A23A EMPLOYED AT TIME A10 CLASS T REC# 1	N	2	380	381
EMPLTIM2	A23A EMPLOYED AT TIME A10 CLASS T REC# 2	N	2	382	383
EMPLTIM3	A23A EMPLOYED AT TIME A10 CLASS T REC# 3	N	2	384	385
EMPLTIM4	A23A EMPLOYED AT TIME A10 CLASS T REC# 4	N	2	386	387

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
EMPLONL1	A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 1	N	2	388	389
EMPLONL2	A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 2	N	2	390	391
EMPLONL3	A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 3	N	2	392	393
EMPLONL4	A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 4	N	2	394	395
ATWORK1	A25 A10 CLASS GIVEN AT WORK REC# 1	N	2	396	397
ATWORK2	A25 A10 CLASS GIVEN AT WORK REC# 2	N	2	398	399
ATWORK3	A25 A10 CLASS GIVEN AT WORK REC# 3	N	2	400	401
ATWORK4	A25 A10 CLASS GIVEN AT WORK REC# 4	N	2	402	403
EMPLREQ1	A25A EMPLOYER REQUIRED A10 CLASS REC# 1	N	2	404	405
EMPLREQ2	A25A EMPLOYER REQUIRED A10 CLASS REC# 2	N	2	406	407
EMPLREQ3	A25A EMPLOYER REQUIRED A10 CLASS REC# 3	N	2	408	409
EMPLREQ4	A25A EMPLOYER REQUIRED A10 CLASS REC# 4	N	2	410	411
TIMEOFF1	A26 GIVEN TIME OFF TO TAKE A10 CL REC# 1	N	2	412	413
TIMEOFF2	A26 GIVEN TIME OFF TO TAKE A10 CL REC# 2	N	2	414	415
TIMEOFF3	A26 GIVEN TIME OFF TO TAKE A10 CL REC# 3	N	2	416	417
TIMEOFF4	A26 GIVEN TIME OFF TO TAKE A10 CL REC# 4	N	2	418	419
CORRESP1	A27 A10 CLASS A CORRESPONDENCE CO REC# 1	N	2	420	421
CORRESP2	A27 A10 CLASS A CORRESPONDENCE CO REC# 2	N	2	422	423
CORRESP3	A27 A10 CLASS A CORRESPONDENCE CO REC# 3	N	2	424	425
CORRESP4	A27 A10 CLASS A CORRESPONDENCE CO REC# 4	N	2	426	427
MAILTV1	A28 A10 CORR COURSE - TYPE INSTRU REC# 1	N	2	428	429
MAILTV2	A28 A10 CORR COURSE - TYPE INSTRU REC# 2	N	2	430	431
MAILTV3	A28 A10 CORR COURSE - TYPE INSTRU REC# 3	N	2	432	433
MAILTV4	A28 A10 CORR COURSE - TYPE INSTRU REC# 4	N	2	434	435
PAIDFAM1	A29A YOU OR FAMILY PAID REC# 1	N	2	436	437
PAIDFAM2	A29A YOU OR FAMILY PAID REC# 2	N	2	438	439
PAIDFAM3	A29A YOU OR FAMILY PAID REC# 3	N	2	440	441
PAIDFAM4	A29A YOU OR FAMILY PAID REC# 4	N	2	442	443
PAIDFED1	A29B FEDERAL GOVERNMENT PAID REC# 1	N	2	444	445
PAIDFED2	A29B FEDERAL GOVERNMENT PAID REC# 2	N	2	446	447
PAIDFED3	A29B FEDERAL GOVERNMENT PAID REC# 3	N	2	448	449
PAIDFED4	A29B FEDERAL GOVERNMENT PAID REC# 4	N	2	450	451
PAIDSTA1	A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 1	N	2	452	453
PAIDSTA2	A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 2	N	2	454	455
PAIDSTA3	A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 3	N	2	456	457
PAIDSTA4	A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 4	N	2	458	459
PAIDBUS1	A29D BUSINESS OR INDUSTRY PAID REC# 1	N	2	460	461
PAIDBUS2	A29D BUSINESS OR INDUSTRY PAID REC# 2	N	2	462	463
PAIDBUS3	A29D BUSINESS OR INDUSTRY PAID REC# 3	N	2	464	465
PAIDBUS4	A29D BUSINESS OR INDUSTRY PAID REC# 4	N	2	466	467
PAIDPRI1	A29E PRIVATE ORGANIZATION PAID REC# 1	N	2	468	469
PAIDPRI2	A29E PRIVATE ORGANIZATION PAID REC# 2	N	2	470	471
PAIDPRI3	A29E PRIVATE ORGANIZATION PAID REC# 3	N	2	472	473
PAIDPRI4	A29E PRIVATE ORGANIZATION PAID REC# 4	N	2	474	475
PAIDOTH1	A29F SOMEONE ELSE PAID REC# 1	N	2	476	477
PAIDOTH2	A29F SOMEONE ELSE PAID REC# 2	N	2	478	479
PAIDOTH3	A29F SOMEONE ELSE PAID REC# 3	N	2	480	481
PAIDOTH4	A29F SOMEONE ELSE PAID REC# 4	N	2	482	483
PAIDFRE1	A29G THERE WAS NO CHARGE REC# 1	N	2	484	485
PAIDFRE2	A29G THERE WAS NO CHARGE REC# 2	N	2	486	487
PAIDFRE3	A29G THERE WAS NO CHARGE REC# 3	N	2	488	489
PAIDFRE4	A29G THERE WAS NO CHARGE REC# 4	N	2	490	491
PAIDUNI1	A29H POST SEC INST PAID-RECODE REC #1	N	2	492	493
PAIDUNI2	A29H POST SEC INST PAID-RECODE REC #2	N	2	494	495
PAIDUNI3	A29H POST SEC INST PAID-RECODE REC #3	N	2	496	497
PAIDUNI4	A29H POST SEC INST PAID-RECODE REC #4	N	2	498	499
PAIDEMP1	A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 1	N	2	500	501

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
PAIDEMP2	A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 2	N	2	502	503
PAIDEMP3	A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 3	N	2	504	505
PAIDEMP4	A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 4	N	2	506	507
TUITION1	A31 AMOUNT PAID FOR TUITION & FEE REC# 1	N	8.2	508	515
TUITION2	A31 AMOUNT PAID FOR TUITION & FEE REC# 2	N	8.2	516	523
TUITION3	A31 AMOUNT PAID FOR TUITION & FEE REC# 3	N	8.2	524	531
TUITION4	A31 AMOUNT PAID FOR TUITION & FEE REC# 4	N	8.2	532	539
TUITONE1	A31A TUITION FOR MORE THAN ONE CO REC# 1	N	2	540	541
TUITONE2	A31A TUITION FOR MORE THAN ONE CO REC# 2	N	2	542	543
TUITONE3	A31A TUITION FOR MORE THAN ONE CO REC# 3	N	2	544	545
TUITONE4	A31A TUITION FOR MORE THAN ONE CO REC# 4	N	2	546	547
TUITNUM1	A31B NUMBER OF COURSES TUITION CO REC# 1	N	2	548	549
TUITNUM2	A31B NUMBER OF COURSES TUITION CO REC# 2	N	2	550	551
TUITNUM3	A31B NUMBER OF COURSES TUITION CO REC# 3	N	2	552	553
TUITNUM4	A31B NUMBER OF COURSES TUITION CO REC# 4	N	2	554	555
CLASNUM1	A32 # WEEKS A10 CLASS SCHEDULED T REC# 1	N	2	556	557
CLASNUM2	A32 # WEEKS A10 CLASS SCHEDULED T REC# 2	N	2	558	559
CLASNUM3	A32 # WEEKS A10 CLASS SCHEDULED T REC# 3	N	2	560	561
CLASNUM4	A32 # WEEKS A10 CLASS SCHEDULED T REC# 4	N	2	562	563
CLASUNI1	A32 UNITS A10 CLASS SCHEDULED TO REC# 1	N	2	564	565
CLASUNI2	A32 UNITS A10 CLASS SCHEDULED TO REC# 2	N	2	566	567
CLASUNI3	A32 UNITS A10 CLASS SCHEDULED TO REC# 3	N	2	568	569
CLASUNI4	A32 UNITS A10 CLASS SCHEDULED TO REC# 4	N	2	570	571
CLASHRS1	A33 # HOURS PER WEEK A10 CLASS SC REC# 1	N	2	572	573
CLASHRS2	A33 # HOURS PER WEEK A10 CLASS SC REC# 2	N	2	574	575
CLASHRS3	A33 # HOURS PER WEEK A10 CLASS SC REC# 3	N	2	576	577
CLASHRS4	A33 # HOURS PER WEEK A10 CLASS SC REC# 4	N	2	578	579
COMPLET1	A34 COMPLETED A10 CLASS REC# 1	N	2	580	581
COMPLET2	A34 COMPLETED A10 CLASS REC# 2	N	2	582	583
COMPLET3	A34 COMPLETED A10 CLASS REC# 3	N	2	584	585
COMPLET4	A34 COMPLETED A10 CLASS REC# 4	N	2	586	587
TAKING1	A34A STILL TAKING COURSE OR DROPP REC# 1	N	2	588	589
TAKING2	A34A STILL TAKING COURSE OR DROPP REC# 2	N	2	590	591
TAKING3	A34A STILL TAKING COURSE OR DROPP REC# 3	N	2	592	593
TAKING4	A34A STILL TAKING COURSE OR DROPP REC# 4	N	2	594	595
BASIC	A15 AE COURSES INCL BASIC SKILLS TR	N	2	596	597
ENGLISH	A16 AE COURSES FOR ENG AS 2ND LANG	N	2	598	599
CITIZEN	A35 AE COURSES FOR NATURALIZATION	N	2	600	601
AECOURSE	A36 TAKEN ANY AE COURSES (EXCL FT)	N	2	602	603
AEPAST3	A37 TAKEN AE COURSES IN PAST 3 YRS	N	2	604	605
AEJOB	A38 AE COURSES BENEFIT CAREER	N	2	606	607
AEBASIC	A39 AE COURSES BENEFIT BASIC SKILLS	N	2	608	609
AELICENS	A40 AE COURSES HELP OBTAIN/RENEW LICENSE	N	2	610	611
PREVJOB	A41A PREVENT AE-YOUR WORK SCHEDULE	N	2	612	613
PREVTIME	A41B PREVENT AE-MEETING TIMES OF CLASSES	N	2	614	615
PREVCOST	A41C PREVENT AE-COST OF CLASSES	N	2	616	617
PREVLOCA	A41D PREVENT AE-LOCATION OF CLASSES	N	2	618	619
PREVTRAN	A41E PREVENT AE-LACK OF TRANSPORTATION	N	2	620	621
PREVCHIL	A41F PREVENT AE-LACK OF CHILD CARE	N	2	622	623
PREVFAM	A41G PREVENT AE-OTH FAMILY RESPONSIBILIT	N	2	624	625
PREVINFO	A41H PREVENT AE-LACK OF INFO AB CLASSES	N	2	626	627
PREVINT	A41I PREVENT AE-NO INTERESTING CLASSES	N	2	628	629
PREVOTHR	A41J PREVENT AE-SOME OTHER REASON	N	2	630	631
PREVOLD	A41K OLD AGE-RECODE	N	2	632	633
PREVSICK	A41L SICKNESS-RECODE	N	2	634	635
PREVDSIR	A41M NO INTEREST/DESIRE-RECODE	N	2	636	637
PREVMOTV	A41N MOTIVATION-RECODE	N	2	638	639

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
PREVTIRD	A41O TIRED/EXHAUSTED-RECODE	N	2	640	641
PREVBUSY	A41P GENERAL TIME PROBLEM/BUSY-RECODE	N	2	642	643
RACEVER	A42A RACE VERIFICATION	N	2	644	645
HISPVER	A42A1 RESPONDENT OF HISPANIC ORIGIN	N	2	646	647
SEXVER	A42B S42B GENDER VERIFICATION	N	2	648	649
EVERMARI	A43 EVER MARRIED	N	2	650	651
MARISTAT	A44 CURRENTLY MARRIED	N	2	652	653
WORKPAY	A45 EVER WORKED AT A JOB FOR PAY	N	2	654	655
WORKWEEK	A45A WORKED AT A JOB FOR PAY LAST WEEK	N	2	656	657
VACATION	A46 ON LEAVE OR VACATION FROM A JOB	N	2	658	659
LEAVEMM	A51 MNTH RESPONDENT LEFT MOST RECENT JOB	N	2	660	661
LEAVEYY	A51 YEAR RESPONDENT LEFT MOST RECENT JOB	N	2	662	663
WORKHRS	A52 HOURS PER WEEK WORK FOR PAY	N	3	664	666
LOOKWORK	A54 LOOKING FOR WORK ON PAST 4 WEEKS	N	2	667	668
LOOKPUBL	A55A CHECKED W/PUBLIC EMPLOYMENT AGENCY	N	2	669	670
LOOKPRIV	A55B CHECKED W/PRIVATE EMPLOYMENT AGENCY	N	2	671	672
LOOKEMPL	A55C CHECKED WITH EMPLOYER DIRECTLY	N	2	673	674
LOOKFRND	A55D CHECKED WITH FRIENDS OR RELATIVES	N	2	675	676
LOOKADS	A55E PLACED OR ANSWERED ADS	N	2	677	678
LOOKNOTH	A55F DID NTHING TO FIND WORK	N	2	679	680
LOOKOTHR	A55G DID SOMETHING ELSE TO FIND WORK	N	2	681	682
LASTACTY	A56 MAIN ACTIVITY LAST WEEK	N	2	683	684
UNDER16	A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU	N	2	685	686
UNDER16N	A58 # OF KIDS < 16 WHO LIVE W/ YOU	N	2	687	688
HIGHGRAD	A59 HIGHEST GRADE COMPLETED	N	2	689	690
HSDIPLMA	A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV	N	2	691	692
MAINACTY	A61 MAIN ACTIVITY IN PAST 12 MONTHS	N	2	693	694
LIBMO	A62 USED PUBLIC LIBRARY IN PAST MONTH?	N	2	695	696
LIBYR	A63 USED PUBLIC LIBRARY IN PAST YEAR?	N	2	697	698
CENSUSDV	CENSUS DIVISION	N	2	699	700
CENSUSRG	CENSUS REGION	N	2	701	702
MAINRSLT	RESULT FOR THIS RESPONDENT	A	2	703	704
MILFLG	MILITARY FLAG	N	2	705	706
PSU	FOR TAYLOR SERIES VARIANCE	A	2	707	708
REGION	DEPARTMENT OF EDUCATION REGION	N	2	709	710
SAMPSTAT	PARTICIPATION STATUS AT SAMPLING	N	2	711	712
SIC	INDUSTRY CODE	A	4	713	716
SOC	OCCUPATION CODE	A	4	717	720
URBAN	URBANICITY	N	2	721	722
VSTRAT	FOR TAYLOR SERIES VARIANCE	A	2	723	724
AEBASLIT	D-ADULT EDUCATION TO IMPROVE SKILLS	N	2	725	726
AEDEGREQ	D-ADULT EDUCATION REQUIRED F/DEGREE	N	2	727	728
AEEMPREA	D-ADULT EDUCATION F/JOB-RELATED REASON	N	2	729	730
AEEMPREQ	D-ADULT EDUCATION REQUIRED BY EMPLOYER	N	2	731	732
AEESL	D-ADULT EDUCATION F/ENGLISH AS 2ND LANG	N	2	733	734
AEEVER	D-EVER PARTICIPATED IN ADULT EDUCATION	N	2	735	736
AELABOR	D-LABOR FORCE STATUS	N	2	737	738
AELICNS	D-ADULT EDUCATION F/LICENSE/CERTIFICATE	N	2	739	740
AENUMCSE	D-TOTAL # AE COURSES TAKEN IN PAST 12M	N	2	741	742
AEPARANY	D-ADULT EDUC INCLUDING F/T DEGREE PROG	N	2	743	744
AEPARTIC	D-ADULT EDUC EXCLUDING F/T DEGREE PGMS	N	2	745	746
AEPRTIME	D-ADULT EDUC. EXCLUDING F/T PROGRAM	N	2	747	748
AETRAIN	D-ADULT EDUCATION W/TRAINING COMPONENT	N	2	749	750
CEMPREA1	D-REASON F/TAKING COURSE-1 JOB RELATED	N	2	751	752
CEMPREA2	D-REASON F/TAKING COURSE-2 JOB RELATED	N	2	753	754
CEMPREA3	D-REASON F/TAKING COURSE-3 JOB RELATED	N	2	755	756
CEMPREA4	D-REASON F/TAKING COURSE-4 JOB RELATED	N	2	757	758

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
CNUMWKS1	D-#WEEKS COURSE-1 SCHEDULED TO RUN	N	3	759	761
CNUMWKS2	D-#WEEKS COURSE-2 SCHEDULED TO RUN	N	3	762	764
CNUMWKS3	D-#WEEKS COURSE-3 SCHEDULED TO RUN	N	3	765	767
CNUMWKS4	D-#WEEKS COURSE-4 SCHEDULED TO RUN	N	3	768	770
CREQUIR1	D-CRSE-1 REQ F/CERT OF COMPLETION/DIPL	N	2	771	772
CREQUIR2	D-CRSE-2 REQ F/CERT OF COMPLETION/DIPL	N	2	773	774
CREQUIR3	D-CRSE-3 REQ F/CERT OF COMPLETION/DIPL	N	2	775	776
CREQUIR4	D-CRSE-4 REQ F/CERT OF COMPLETION/DIPL	N	2	777	778
CTRAIN1	D-ANY TRAINING COMPONENT COURSE-1	N	2	779	780
CTRAIN2	D-ANY TRAINING COMPONENT COURSE-2	N	2	781	782
CTRAIN3	D-ANY TRAINING COMPONENT COURSE-3	N	2	783	784
CTRAIN4	D-ANY TRAINING COMPONENT COURSE-4	N	2	785	786
FTBASESL	D-F/T BASIC SKILLS/ESL COURSE	N	2	787	788
FTDEGREE	D-FULLTIME ASSOC/BACH DEGREE PROGRAM	N	2	789	790
FTNONDEG	D-F/T NONDEG PGM	N	2	791	792
HIDEGREE	D-HIGHEST DEGREE ATTAINED	N	2	793	794
INCLEVEL	D-LEVEL OF INCOME	N	2	795	796
RACEETHN	D-RACE-ETHNICITY	N	2	797	798
SALARY	D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB	N	5	799	803
SCHOOLNG	D-YEARS OF SCHOOL COMPLETED	N	2	804	805
AELABF	IMPUTATION FLAG FOR LABOR FORCE STATUS	N	2	806	807
AGEF	IMPUTATION FLAG FOR AGE	N	2	808	809
EVERMARF	IMPUTATION FLAG FOR EVERMARI	N	2	810	811
HIGHGRAF	IMPUTATION FLAG FOR HIGHGRAD	N	2	812	813
HISPVERF	IMPUTATION FLAG FOR HISPVER	N	2	814	815
HSDIPLMF	IMPUTATION FLAG FOR HSDIPLMA	N	2	816	817
INCOMRNF	INCOMRNG IMPUTED FLAG	N	2	818	819
MARISTAF	IMPUTATION FLAG FOR MARISTAT	N	2	820	821
NUMPERSF	NUMPERS IMPUTED FLAG	N	2	822	823
OWNHOMEF	OWNHOME IMPUTED FLAG	N	2	824	825
RACEVERF	IMPUTATION FLAG FOR RACEVER	N	2	826	827
SALARYF	IMPUTATION FLAG FOR SALARY	N	2	828	829
SICF	IMPUTATION FLAG FOR SIC	N	2	830	831
SOCF	IMPUTATION FLAG FOR SOC	N	2	832	833
UNDER16F	IMPUTATION FLAG FOR UNDER16	N	2	834	835
AEWT	FINAL ADULT WEIGHT	N	10.3	836	845
AEREPL1	REPLICATE WEIGHT	N	10.3	846	855
AEREPL2	REPLICATE WEIGHT	N	10.3	856	865
AEREPL3	REPLICATE WEIGHT	N	10.3	866	875
AEREPL4	REPLICATE WEIGHT	N	10.3	876	885
AEREPL5	REPLICATE WEIGHT	N	10.3	886	895
AEREPL6	REPLICATE WEIGHT	N	10.3	896	905
AEREPL7	REPLICATE WEIGHT	N	10.3	906	915
AEREPL8	REPLICATE WEIGHT	N	10.3	916	925
AEREPL9	REPLICATE WEIGHT	N	10.3	926	935
AEREPL10	REPLICATE WEIGHT	N	10.3	936	945
AEREPL11	REPLICATE WEIGHT	N	10.3	946	955
AEREPL12	REPLICATE WEIGHT	N	10.3	956	965
AEREPL13	REPLICATE WEIGHT	N	10.3	966	975
AEREPL14	REPLICATE WEIGHT	N	10.3	976	985
AEREPL15	REPLICATE WEIGHT	N	10.3	986	995
AEREPL16	REPLICATE WEIGHT	N	10.3	996	1005
AEREPL17	REPLICATE WEIGHT	N	10.3	1006	1015
AEREPL18	REPLICATE WEIGHT	N	10.3	1016	1025
AEREPL19	REPLICATE WEIGHT	N	10.3	1026	1035
AEREPL20	REPLICATE WEIGHT	N	10.3	1036	1045
AEREPL21	REPLICATE WEIGHT	N	10.3	1046	1055

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
AEREPL22	REPLICATE WEIGHT	N	10.3	1056	1065
AEREPL23	REPLICATE WEIGHT	N	10.3	1066	1075
AEREPL24	REPLICATE WEIGHT	N	10.3	1076	1085
AEREPL25	REPLICATE WEIGHT	N	10.3	1086	1095
AEREPL26	REPLICATE WEIGHT	N	10.3	1096	1105
AEREPL27	REPLICATE WEIGHT	N	10.3	1106	1115
AEREPL28	REPLICATE WEIGHT	N	10.3	1116	1125
AEREPL29	REPLICATE WEIGHT	N	10.3	1126	1135
AEREPL30	REPLICATE WEIGHT	N	10.3	1136	1145
AEREPL31	REPLICATE WEIGHT	N	10.3	1146	1155
AEREPL32	REPLICATE WEIGHT	N	10.3	1156	1165
AEREPL33	REPLICATE WEIGHT	N	10.3	1166	1175
AEREPL34	REPLICATE WEIGHT	N	10.3	1176	1185
AEREPL35	REPLICATE WEIGHT	N	10.3	1186	1195
AEREPL36	REPLICATE WEIGHT	N	10.3	1196	1205
AEREPL37	REPLICATE WEIGHT	N	10.3	1206	1215
AEREPL38	REPLICATE WEIGHT	N	10.3	1216	1225
AEREPL39	REPLICATE WEIGHT	N	10.3	1226	1235
AEREPL40	REPLICATE WEIGHT	N	10.3	1236	1245
AEREPL41	REPLICATE WEIGHT	N	10.3	1246	1255
AEREPL42	REPLICATE WEIGHT	N	10.3	1256	1265
AEREPL43	REPLICATE WEIGHT	N	10.3	1266	1275
AEREPL44	REPLICATE WEIGHT	N	10.3	1276	1285
AEREPL45	REPLICATE WEIGHT	N	10.3	1286	1295
AEREPL46	REPLICATE WEIGHT	N	10.3	1296	1305
AEREPL47	REPLICATE WEIGHT	N	10.3	1306	1315
AEREPL48	REPLICATE WEIGHT	N	10.3	1316	1325
AEREPL49	REPLICATE WEIGHT	N	10.3	1326	1335
AEREPL50	REPLICATE WEIGHT	N	10.3	1336	1345

COURSE FILE VARIABLES

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
CLASID	CLAS KEY = ADLTID || 2-DIGIT SEQUENTIAL#	A	11	1	11
PERSID	PERS KEY = BASEID || 2-DIGIT PERSNUM	A	9	12	20
AGE	AGE AS OF JANUARY 1,1991	N	2	21	22
INCOMRNG	S22A TOTAL HOUSEHOLD INCOME - RANGE	N	2	23	24
FTSCHOOL	A1a FT ELEMENTARY OR HIGH SCHOOL	N	2	25	26
CURENROL	A1B CURRENTLY ENROLLED AS FULL-TIME STUD	N	2	27	28
OTNUM	A9 # OTHER CLASSES TAKEN DURING PAST 12	N	2	29	30
OTNAME	A10 MOST RECENT AE CLAS (FR ADLT.OTNAME#	A	40	31	70
CRDEGREE	A11 A10 CLASSES FOR CREDIT TOWARD DEGREE	N	2	71	72
TAKEREAS	A13 MAIN REASON FOR TAKING A10 CLASS	N	2	73	74
EMPLREAS	A14 CAREER REASONS FOR TAKING A10 CLASS	N	2	75	76
TRNMGMT	A17A EXECUTIVE MGMT DEVELOPMENT TRAINING	N	2	77	78
TRNSUPR	A17B SUPERVISORY TRAINING	N	2	79	80
TRNPROF	A17C PROFESSIONAL DEVELOPMENT TRAINING	N	2	81	82
TRNTECH	A17D TECHNICAL/SKILLED WORKER TRAINING	N	2	83	84
TRNCS	A17E WORD PROCESSING/COMPUTER SOFTWARE	N	2	85	86
TRNHLTH	A17F JOB HEALTH AND SAFETY TRAINING	N	2	87	88
TRNQC	A17G QUALITY CONTROL/STATISTICAL PROCESS	N	2	89	90
TRNSALES	A17H SALES AND MARKETING TRAINING	N	2	91	92
TRNEMPL	A17I NEW EMPLOYEE TRAINING	N	2	93	94
TRNOTHER	A17J SOME OTHER KIND OF TRAINING	N	2	95	96
REQUIRE	A18 TAKE A10 CLASS TO MEET REQUIREMENT	N	2	97	98
DEGREE	A19 A10 CLASS FULFILLS TYPE REQUIREMENT	N	2	99	100
LICENSE	A20 A10 CLASS TO OBTAIN/RENEW LICENSE	N	2	101	102
OBTAIN	A20OV OBTAIN OR RENEW LICENSE/CERTIFICAT	N	2	103	104
SPONTYPE	A22 A10 CLASS SPONSORED BY TYPE ORG	N	2	105	106
EMPLPROV	A23 A10 CLASS SPONSOR IS EMPLOYER	N	2	107	108
EMPLTIME	A23A EMPLOYED AT TIME A10 CLASS TAKEN	N	2	109	110
EMPLONLY	A24 A10 CLASS PARTICIPATN-EMPLOYEES ONLY	N	2	111	112
ATWORK	A25 A10 CLASS GIVEN AT WORK	N	2	113	114
EMPLREQ	A25A EMPLOYER REQUIRED A10 CLASS	N	2	115	116
TIMEOFF	A26 GIVEN TIME OFF TO TAKE A10 CLASS	N	2	117	118
CORRESPN	A27 A10 CLASS A CORRESPONDENCE COURSE	N	2	119	120
MAILTV	A28 A10 CORR COURSE - TYPE INSTRUCTION	N	2	121	122
PAIDFAM	A29A YOU OR FAMILY PAID	N	2	123	124
PAIDFED	A29B FEDERAL GOVERNMENT PAID	N	2	125	126
PAIDSTAT	A29C STATE/COUNTY/LOCAL GOVERNMENT PAID	N	2	127	128
PAIDBUSI	A29D BUSINESS OR INDUSTRY PAID	N	2	129	130
PAIDPRIV	A29E PRIVATE ORGANIZATION PAID	N	2	131	132
PAIDOTHR	A29F SOMEONE ELSE PAID	N	2	133	134
PAIDFREE	A29G THERE WAS NO CHARGE	N	2	135	136
PAIDUNIV	A29H POST-SEC INST PAID-RECODE	N	2	137	138
PAIDEMPL	A30 EMPLOYER WAS SOURCE OF PAYMENT	N	2	139	140
TUITION	A31 AMOUNT PAID FOR TUITION & FEES A10	N	8.2	141	148
TUITONE	A31A TUITION FOR MORE THAN ONCE COURSE?	N	2	149	150
TUITNUM	A31B NUMBER OF COURSES TUITION COVERS	N	2	151	152
CLASNUM	A32 # WEEKS A10 CLASS SCHEDULED TO RUN	N	2	153	154
CLASUNIT	A32 UNITS A10 CLASS SCHEDULED TO RUN	N	2	155	156
CLASHRS	A33 # HOURS PER WEEK A10 CLASS SCHEDULED	N	2	157	158
COMPLETE	A34 COMPLETED A10 CLASS	N	2	159	160
TAKING	A34A STILL TAKING COURSE OR DROPPED COUR	N	2	161	162
RACEVER	A42A RACE VERIFICATION	N	2	163	164
HISPVER	A42A1 RESPONDENT OF HISPANIC ORIGIN	N	2	165	166
SEXVER	A42B S42B GENDER VERIFICATION	N	2	167	168
MARISTAT	A44 CURRENTLY MARRIED	N	2	169	170
UNDER16	A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU	N	2	171	172
HIGHGRAD	A59 HIGHEST GRADE COMPLETED	N	2	173	174

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
HSDIPLMA	A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV	N	2	175	176
CENSUSDV	CENSUS DIVISION	N	2	177	178
CENSUSRG	CENSUS REGION	N	2	179	180
MILFLG	MILITARY FLAG	N	2	181	182
PSU	FOR TAYLOR SERIES VARIANCE	A	2	183	184
REGION	DEPARTMENT OF EDUCATION REGION	N	2	185	186
SAMPSTAT	PARTICIPATION STATUS AT SAMPLING	N	2	187	188
SIC	INDUSTRY CODE	A	4	189	192
SOC	OCCUPATION CODE	A	4	193	196
URBAN	URBANICITY	N	2	197	198
VSTRAT	FOR TAYLOR SERIES VARIANCE	A	2	199	200
AEBASLIT	D-ADULT EDUCATION TO IMPROVE SKILLS	N	2	201	202
AEDEGREQ	D-ADULT EDUCATION REQUIRED F/DEGREE	N	2	203	204
AEEMPREA	D-ADULT EDUCATION F/JOB-RELATED REASON	N	2	205	206
AEEMPREQ	D-ADULT EDUCATION REQUIRED BY EMPLOYER	N	2	207	208
AEESL	D-ADULT EDUCATION F/ENGLISH AS 2ND LANG	N	2	209	210
AELABOR	D-LABOR FORCE STATUS	N	2	211	212
AELICNS	D-ADULT EDUCATION F/LICENSE/CERTIFICATE	N	2	213	214
AENUMCSE	D-TOTAL # AE COURSES TAKEN IN PAST 12M	N	2	215	216
AETRAIN	D-ADULT EDUCATION W/TRAINING COMPONENT	N	2	217	218
CEMPREAS	D-JOB RELATED REASON FOR TAKING COURSE	N	2	219	220
CNUMWKS	D-NUMBER OF WEEKS SCHEDULED TO RUN	N	3	221	223
CREQUIRE	D-REQRD FOR CERTIF OF COMPLETION/DIPLOMA	N	2	224	225
CTRAIN	D-ANY TRAINING COMPONENT IN COURSE	N	2	226	227
FTBASESL	D-F/T BASIC SKILLS/ESL COURSE	N	2	228	229
FTDEGREE	D-FULLTIME ASSOC/BACH DEGREE PROGRAM	N	2	230	231
FTNONDEG	D-F/T NONDEG PGM	N	2	232	233
HIDEGREE	D-HIGHEST DEGREE ATTAINED	N	2	234	235
INCLEVEL	D-LEVEL OF INCOME	N	2	236	237
RACEETHN	D-RACE-ETHNICITY	N	2	238	239
SALARY	D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB	N	5	240	244
SCHOOLNG	D-YEARS OF SCHOOL COMPLETED	N	2	245	246
AELABF	IMPUTATION FLAG FOR LABOR FORCE STATUS	N	2	247	248
AGEF	IMPUTATION FLAG FOR AGE	N	2	249	250
HIGHGRAF	IMPUTATION FLAG FOR HIGHGRAD	N	2	251	252
HISPVERF	IMPUTATION FLAG FOR HISPVER	N	2	253	254
HSDIPLMF	IMPUTATION FLAG FOR HSDIPLMA	N	2	255	256
INCOMRNF	INCOMRNG IMPUTED FLAG	N	2	257	258
MARISTAF	IMPUTATION FLAG FOR MARISTAT	N	2	259	260
RACEVERF	IMPUTATION FLAG FOR RACEVER	N	2	261	262
SALARYF	IMPUTATION FLAG FOR SALARY	N	2	263	264
SICF	IMPUTATION FLAG FOR SIC	N	2	265	266
SOCF	IMPUTATION FLAG FOR SOC	N	2	267	268
UNDER16F	IMPUTATION FLAG FOR UNDER16	N	2	269	270
AEWT	FINAL ADULT WEIGHT	N	10.3	271	280
AEREPL1	REPLICATE WEIGHT	N	10.3	281	290
AEREPL2	REPLICATE WEIGHT	N	10.3	291	300
AEREPL3	REPLICATE WEIGHT	N	10.3	301	310
AEREPL4	REPLICATE WEIGHT	N	10.3	311	320
AEREPL5	REPLICATE WEIGHT	N	10.3	321	330
AEREPL6	REPLICATE WEIGHT	N	10.3	331	340
AEREPL7	REPLICATE WEIGHT	N	10.3	341	350
AEREPL8	REPLICATE WEIGHT	N	10.3	351	360
AEREPL9	REPLICATE WEIGHT	N	10.3	361	370
AEREPL10	REPLICATE WEIGHT	N	10.3	371	380
AEREPL11	REPLICATE WEIGHT	N	10.3	381	390
AEREPL12	REPLICATE WEIGHT	N	10.3	391	400

VARIABLE NAME	VARIABLE LABEL	FORMAT	LENGTH	START COLUMN	END COLUMN
AEREPL13	REPLICATE WEIGHT	N	10.3	401	410
AEREPL14	REPLICATE WEIGHT	N	10.3	411	420
AEREPL15	REPLICATE WEIGHT	N	10.3	421	430
AEREPL16	REPLICATE WEIGHT	N	10.3	431	440
AEREPL17	REPLICATE WEIGHT	N	10.3	441	450
AEREPL18	REPLICATE WEIGHT	N	10.3	451	460
AEREPL19	REPLICATE WEIGHT	N	10.3	461	470
AEREPL20	REPLICATE WEIGHT	N	10.3	471	480
AEREPL21	REPLICATE WEIGHT	N	10.3	481	490
AEREPL22	REPLICATE WEIGHT	N	10.3	491	500
AEREPL23	REPLICATE WEIGHT	N	10.3	501	510
AEREPL24	REPLICATE WEIGHT	N	10.3	511	520
AEREPL25	REPLICATE WEIGHT	N	10.3	521	530
AEREPL26	REPLICATE WEIGHT	N	10.3	531	540
AEREPL27	REPLICATE WEIGHT	N	10.3	541	550
AEREPL28	REPLICATE WEIGHT	N	10.3	551	560
AEREPL29	REPLICATE WEIGHT	N	10.3	561	570
AEREPL30	REPLICATE WEIGHT	N	10.3	571	580
AEREPL31	REPLICATE WEIGHT	N	10.3	581	590
AEREPL32	REPLICATE WEIGHT	N	10.3	591	600
AEREPL33	REPLICATE WEIGHT	N	10.3	601	610
AEREPL34	REPLICATE WEIGHT	N	10.3	611	620
AEREPL35	REPLICATE WEIGHT	N	10.3	621	630
AEREPL36	REPLICATE WEIGHT	N	10.3	631	640
AEREPL37	REPLICATE WEIGHT	N	10.3	641	650
AEREPL38	REPLICATE WEIGHT	N	10.3	651	660
AEREPL39	REPLICATE WEIGHT	N	10.3	661	670
AEREPL40	REPLICATE WEIGHT	N	10.3	671	680
AEREPL41	REPLICATE WEIGHT	N	10.3	681	690
AEREPL42	REPLICATE WEIGHT	N	10.3	691	700
AEREPL43	REPLICATE WEIGHT	N	10.3	701	710
AEREPL44	REPLICATE WEIGHT	N	10.3	711	720
AEREPL45	REPLICATE WEIGHT	N	10.3	721	730
AEREPL46	REPLICATE WEIGHT	N	10.3	731	740
AEREPL47	REPLICATE WEIGHT	N	10.3	741	750
AEREPL48	REPLICATE WEIGHT	N	10.3	751	760
AEREPL49	REPLICATE WEIGHT	N	10.3	761	770
AEREPL50	REPLICATE WEIGHT	N	10.3	771	780

APPENDIX C

CONTROL CARDS:

ADULT FILE AND COURSE FILE

ADULT FILE SAS CONTROL CARDS

```
//READFILE JOB (account info),'programmer name'
//         EXEC XSAS,REGION=4096K
//SASLIB  DD DSN=FORMAT.LIBRARY,DISP=SHR
//LIBRARY DD SPACE=(TRK,(50,50,60))
//WORK    DD UNIT=SYSDA,SPACE=(24322,(1850,1000),,,ROUND)
//IN1     DD DSN=ADULT.DATA,DISP=SHR,
//           UNIT=3400-6,VOL=SER=WV1919,LABEL=(1,SL),
//           DCB=(RECFM=FB,LRECL=1345,BLKSIZE=13450)
//SYSIN   DD *

   ****************************************************************
   **                                                            **
   **  This is a SAS program which will read in the raw data    **
   **  file into a SAS data file.  The JCL is a generic one     **
   **  for an IBM SYSTEM/370.  Each IBM facility will have      **
   **  its own site specific commands and conventions.  These   **
   **  conventions must be implemented by the programmer.       **
   **                                                            **
   ****************************************************************;

DATA ADULT;
 INFILE IN1 MISSOVER;
 INPUT
    @1      PERSID      $9.
    @10     AGE          2.
    @12     LIVENOW      2.
    @14     NUMPERS      2.
    @16     HOMETYPE     2.
    @18     OWNHOME      2.
    @20     INCOMRNG     2.
    @22     FTANY        2.
    @24     FTSCHOOL     2.
    @26     FTASSOC      2.
    @28     FTBACHLR     2.
    @30     FTVOCA       2.
    @32     FTBASIC      2.
    @34     FTENGLSH     2.
    @36     FTOTHER      2.
    @38     FTGED        2.
    @40     FTCERT       2.
    @42     CURENROL     2.
    @44     FTNUM        2.
    @46     PTENROLL     2.
    @48     PTDEGREE     2.
    @50     PTNUM        2.
    @52     OTNONCR      2.
    @54     OTCORRS      2.
    @56     OTPRIV       2.
    @58     OTGROUP      2.
    @60     OTBASIC      2.
    @62     OTENGL       2.
    @64     OTOTHER      2.
    @66     OTGED        2.
    @68     OTCOMP       2.
    @70     OTCLASS      2.
    @72     OTNUM        2.
    @74     OTNAME1     $40.
    @114    OTNAME2     $40.
    @154    OTNAME3     $40.
    @194    OTNAME4     $40.
    @234    CRDEGREE     2.
    @236    TAKEREA1     2.
    @238    TAKEREA2     2.
    @240    TAKEREA3     2.
    @242    TAKEREA4     2.
    @244    EMPLREA1     2.
    @246    EMPLREA2     2.
    @248    EMPLREA3     2.
```

```
@250   EMPLREA4     2.
@252   TRNMGMT1     2.
@254   TRNMGMT2     2.
@256   TRNMGMT3     2.
@258   TRNMGMT4     2.
@260   TRNSUPR1     2.
@262   TRNSUPR2     2.
@264   TRNSUPR3     2.
@266   TRNSUPR4     2.
@268   TRNPROF1     2.
@270   TRNPROF2     2.
@272   TRNPROF3     2.
@274   TRNPROF4     2.
@276   TRNTECH1     2.
@278   TRNTECH2     2.
@280   TRNTECH3     2.
@282   TRNTECH4     2.
@284   TRNCS1       2.
@286   TRNCS2       2.
@288   TRNCS3       2.
@290   TRNCS4       2.
@292   TRNHLTH1     2.
@294   TRNHLTH2     2.
@296   TRNHLTH3     2.
@298   TRNHLTH4     2.
@300   TRNQC1       2.
@302   TRNQC2       2.
@304   TRNQC3       2.
@306   TRNQC4       2.
@308   TRNSALE1     2.
@310   TRNSALE2     2.
@312   TRNSALE3     2.
@314   TRNSALE4     2.
@316   TRNEMPL1     2.
@318   TRNEMPL2     2.
@320   TRNEMPL3     2.
@322   TRNEMPL4     2.
@324   TRNOTHE1     2.
@326   TRNOTHE2     2.
@328   TRNOTHE3     2.
@330   TRNOTHE4     2.
@332   REQUIRE1     2.
@334   REQUIRE2     2.
@336   REQUIRE3     2.
@338   REQUIRE4     2.
@340   DEGREE1      2.
@342   DEGREE2      2.
@344   DEGREE3      2.
@346   DEGREE4      2.
@348   LICENSE1     2.
@350   LICENSE2     2.
@352   LICENSE3     2.
@354   LICENSE4     2.
@356   OBTAIN1      2.
@358   OBTAIN2      2.
@360   OBTAIN3      2.
@362   OBTAIN4      2.
@364   SPONTYP1     2.
@366   SPONTYP2     2.
@368   SPONTYP3     2.
@370   SPONTYP4     2.
@372   EMPLPRO1     2.
@374   EMPLPRO2     2.
@376   EMPLPRO3     2.
@378   EMPLPRO4     2.
@380   EMPLTIM1     2.
@382   EMPLTIM2     2.
@384   EMPLTIM3     2.
```

```
@386   EMPLTIM4      2.
@388   EMPLONL1      2.
@390   EMPLONL2      2.
@392   EMPLONL3      2.
@394   EMPLONL4      2.
@396   ATWORK1       2.
@398   ATWORK2       2.
@400   ATWORK3       2.
@402   ATWORK4       2.
@404   EMPLREQ1      2.
@406   EMPLREQ2      2.
@408   EMPLREQ3      2.
@410   EMPLREQ4      2.
@412   TIMEOFF1      2.
@414   TIMEOFF2      2.
@416   TIMEOFF3      2.
@418   TIMEOFF4      2.
@420   CORRESP1      2.
@422   CORRESP2      2.
@424   CORRESP3      2.
@426   CORRESP4      2.
@428   MAILTV1       2.
@430   MAILTV2       2.
@432   MAILTV3       2.
@434   MAILTV4       2.
@436   PAIDFAM1      2.
@438   PAIDFAM2      2.
@440   PAIDFAM3      2.
@442   PAIDFAM4      2.
@444   PAIDFED1      2.
@446   PAIDFED2      2.
@448   PAIDFED3      2.
@450   PAIDFED4      2.
@452   PAIDSTA1      2.
@454   PAIDSTA2      2.
@456   PAIDSTA3      2.
@458   PAIDSTA4      2.
@460   PAIDBUS1      2.
@462   PAIDBUS2      2.
@464   PAIDBUS3      2.
@466   PAIDBUS4      2.
@468   PAIDPRI1      2.
@470   PAIDPRI2      2.
@472   PAIDPRI3      2.
@474   PAIDPRI4      2.
@476   PAIDOTH1      2.
@478   PAIDOTH2      2.
@480   PAIDOTH3      2.
@482   PAIDOTH4      2.
@484   PAIDFRE1      2.
@486   PAIDFRE2      2.
@488   PAIDFRE3      2.
@490   PAIDFRE4      2.
@492   PAIDUNI1      2.
@494   PAIDUNI2      2.
@496   PAIDUNI3      2.
@498   PAIDUNI4      2.
@500   PAIDEMP1      2.
@502   PAIDEMP2      2.
@504   PAIDEMP3      2.
@506   PAIDEMP4      2.
@508   TUITION1     8.2
@516   TUITION2     8.2
@524   TUITION3     8.2
@532   TUITION4     8.2
@540   TUITONE1      2.
@542   TUITONE2      2.
@544   TUITONE3      2.
```

```
@546   TUITONE4    2.
@548   TUITNUM1    2.
@550   TUITNUM2    2.
@552   TUITNUM3    2.
@554   TUITNUM4    2.
@556   CLASNUM1    2.
@558   CLASNUM2    2.
@560   CLASNUM3    2.
@562   CLASNUM4    2.
@564   CLASUNI1    2.
@566   CLASUNI2    2.
@568   CLASUNI3    2.
@570   CLASUNI4    2.
@572   CLASHRS1    2.
@574   CLASHRS2    2.
@576   CLASHRS3    2.
@578   CLASHRS4    2.
@580   COMPLET1    2.
@582   COMPLET2    2.
@584   COMPLET3    2.
@586   COMPLET4    2.
@588   TAKING1     2.
@590   TAKING2     2.
@592   TAKING3     2.
@594   TAKING4     2.
@596   BASIC       2.
@598   ENGLISH     2.
@600   CITIZEN     2.
@602   AECOURSE    2.
@604   AEPAST3     2.
@606   AEJOB       2.
@608   AEBASIC     2.
@610   AELICENS    2.
@612   PREVJOB     2.
@614   PREVTIME    2.
@616   PREVCOST    2.
@618   PREVLOCA    2.
@620   PREVTRAN    2.
@622   PREVCHIL    2.
@624   PREVFAM     2.
@626   PREVINFO    2.
@628   PREVINT     2.
@630   PREVOTHR    2.
@632   PREVOLD     2.
@634   PREVSICK    2.
@636   PREVDSIR    2.
@638   PREVMOTV    2.
@640   PREVTIRD    2.
@642   PREVBUSY    2.
@644   RACEVER     2.
@646   HISPVER     2.
@648   SEXVER      2.
@650   EVERMARI    2.
@652   MARISTAT    2.
@654   WORKPAY     2.
@656   WORKWEEK    2.
@658   VACATION    2.
@660   LEAVEMM     2.
@662   LEAVEYY     2.
@664   WORKHRS     3.
@667   LOOKWORK    2.
@669   LOOKPUBL    2.
@671   LOOKPRIV    2.
@673   LOOKEMPL    2.
@675   LOOKFRND    2.
@677   LOOKADS     2.
@679   LOOKNOTH    2.
@681   LOOKOTHR    2.
```

```
@683   LASTACTY    2.
@685   UNDER16     2.
@687   UNDER16N    2.
@689   HIGHGRAD    2.
@691   HSDIPLMA    2.
@693   MAINACTY    2.
@695   LIBMO       2.
@697   LIBYR       2.
@699   CENSUSDV    2.
@701   CENSUSRG    2.
@703   MAINRSLT   $2.
@705   MILFLG      2.
@707   PSU        $2.
@709   REGION      2.
@711   SAMPSTAT    2.
@713   SIC        $4.
@717   SOC        $4.
@721   URBAN       2.
@723   VSTRAT     $2.
@725   AEBASLIT    2.
@727   AEDEGREQ    2.
@729   AEEMPREA    2.
@731   AEEMPREQ    2.
@733   AEESL       2.
@735   AEEVER      2.
@737   AELABOR     2.
@739   AELICNS     2.
@741   AENUMCSE    2.
@743   AEPARANY    2.
@745   AEPARTIC    2.
@747   AEPRTIME    2.
@749   AETRAIN     2.
@751   CEMPREA1    2.
@753   CEMPREA2    2.
@755   CEMPREA3    2.
@757   CEMPREA4    2.
@759   CNUMWKS1    3.
@762   CNUMWKS2    3.
@765   CNUMWKS3    3.
@768   CNUMWKS4    3.
@771   CREQUIR1    2.
@773   CREQUIR2    2.
@775   CREQUIR3    2.
@777   CREQUIR4    2.
@779   CTRAIN1     2.
@781   CTRAIN2     2.
@783   CTRAIN3     2.
@785   CTRAIN4     2.
@787   FTBASESL    2.
@789   FTDEGREE    2.
@791   FTNONDEG    2.
@793   HIDEGREE    2.
@795   INCLEVEL    2.
@797   RACEETHN    2.
@799   SALARY      5.
@804   SCHOOLNG    2.
@806   AELABF      2.
@808   AGEF        2.
@810   EVERMARF    2.
@812   HIGHGRAF    2.
@814   HISPVERF    2.
@816   HSDIPLMF    2.
@818   INCOMRNF    2.
@820   MARISTAF    2.
@822   NUMPERSF    2.
@824   OWNHOMEF    2.
@826   RACEVERF    2.
@828   SALARYF     2.
```

```
   @830   SICF         2.
   @832   SOCF         2.
   @834   UNDER16F     2.
   @836   AEWT        10.3
   @846   AEREPL1     10.3
   @856   AEREPL2     10.3
   @866   AEREPL3     10.3
   @876   AEREPL4     10.3
   @886   AEREPL5     10.3
   @896   AEREPL6     10.3
   @906   AEREPL7     10.3
   @916   AEREPL8     10.3
   @926   AEREPL9     10.3
   @936   AEREPL10    10.3
   @946   AEREPL11    10.3
   @956   AEREPL12    10.3
   @966   AEREPL13    10.3
   @976   AEREPL14    10.3
   @986   AEREPL15    10.3
   @996   AEREPL16    10.3
   @1006  AEREPL17    10.3
   @1016  AEREPL18    10.3
   @1026  AEREPL19    10.3
   @1036  AEREPL20    10.3
   @1046  AEREPL21    10.3
   @1056  AEREPL22    10.3
   @1066  AEREPL23    10.3
   @1076  AEREPL24    10.3
   @1086  AEREPL25    10.3
   @1096  AEREPL26    10.3
   @1106  AEREPL27    10.3
   @1116  AEREPL28    10.3
   @1126  AEREPL29    10.3
   @1136  AEREPL30    10.3
   @1146  AEREPL31    10.3
   @1156  AEREPL32    10.3
   @1166  AEREPL33    10.3
   @1176  AEREPL34    10.3
   @1186  AEREPL35    10.3
   @1196  AEREPL36    10.3
   @1206  AEREPL37    10.3
   @1216  AEREPL38    10.3
   @1226  AEREPL39    10.3
   @1236  AEREPL40    10.3
   @1246  AEREPL41    10.3
   @1256  AEREPL42    10.3
   @1266  AEREPL43    10.3
   @1276  AEREPL44    10.3
   @1286  AEREPL45    10.3
   @1296  AEREPL46    10.3
   @1306  AEREPL47    10.3
   @1316  AEREPL48    10.3
   @1326  AEREPL49    10.3
   @1336  AEREPL50    10.3
 ;

LABEL
    PERSID    = 'PERS KEY = BASEID || 2-DIGIT PERSNUM    '
    AGE       = 'AGE AS OF JANUARY 1,1991                '
    LIVENOW   = 'S15 WHERE DOES PERSON LIVE NOW          '
    NUMPERS   = 'S17 TOTAL NUMBER OF PEOPLE LIVING IN HH '
    HOMETYPE  = 'S19 TYPE OF HOME                        '
    OWNHOME   = 'S20 OWN HOME                            '
    INCOMRNG  = 'S22A TOTAL HOUSEHOLD INCOME - RANGE     '
    FTANY     = 'A1INTRO ENROLLED AS FT STUDENT PAST 12  '
    FTSCHOOL  = 'A1a FT ELEMENTARY OR HIGH SCHOOL        '
    FTASSOC   = 'A1b FT ASSOCIATE''S DEGREE PROGRAM       '
    FTBACHLR  = 'A1c FT BACHELOR''S DEGREE PROGRAM        '
```

```
FTVOCA    = 'A1d FT VOCATIONAL/OCCUPATIONAL TRAINING '
FTBASIC   = 'A1e FT ADULT LITERACY/BASIC SKILLS PRGRM'
FTENGLSH  = 'A1f FT ENGLISH AS 2ND LANGUAGE PROGRAM  '
FTOTHER   = 'A1g FT SOME OTHER PROGRAM               '
FTGED     = 'A1h ENROLLED FT IN GED PROGRAM-RECODE   '
FTCERT    = 'A1i ENROLLED FT-PROF CERTIFICATE-RECODE '
CURENROL  = 'A1B CURRENTLY ENROLLED AS FULL-TIME STDNT'
FTNUM     = 'A2 # CLASSES AS FT STUDENT PAST 12      '
PTENROLL  = 'A4 ENROLLED AS PT STUDENT PAST 12       '
PTDEGREE  = 'A5 SEEKING PART-TIME DEGREE             '
PTNUM     = 'A6 # PART-TIME CLASSES FOR CREDIT       '
OTNONCR   = 'A8A CONTINUING EDUCATION/NONCREDIT COURS'
OTCORRS   = 'A8B COURSES BY MAIL,TV,RADIO,NEWSPAPER  '
OTPRIV    = 'A8C PRIVATE INSTRUCTION OR TUTORING     '
OTGROUP   = 'A8D ED ACTIVITY BY EMPLOYER,COMMUNITY   '
OTBASIC   = 'A8E INSTRUCTION IN BASIC SKILLS         '
OTENGL    = 'A8F INSTRUCTION IN ENGLISH AS 2ND LANGUA'
OTOTHER   = 'A8G OTHER ORGANIZED ED ACTIVITY         '
OTGED     = 'A8H GED/HS COMPLETION-RECODE            '
OTCOMP    = 'A8I COMPUTERS-RECODE                    '
OTCLASS   = 'D-OTHER CLASSES TAKEN DURING PAST 12 MO '
OTNUM     = 'A9 # OTHER CLASSES TAKEN DURING PAST 12 '
OTNAME1   = 'A10 MOST RECENT AE CLASS 1              '
OTNAME2   = 'A10 MOST RECENT AE CLASS 2              '
OTNAME3   = 'A10 MOST RECENT AE CLASS 3              '
OTNAME4   = 'A10 MOST RECENT AE CLASS 4              '
CRDEGREE  = 'A11 CLASSES FOR CREDIT TOWARD DEGREE    '
TAKEREA1  = 'A13 MAIN REASON FOR TAKING A10 CL REC# 1'
TAKEREA2  = 'A13 MAIN REASON FOR TAKING A10 CL REC# 2'
TAKEREA3  = 'A13 MAIN REASON FOR TAKING A10 CL REC# 3'
TAKEREA4  = 'A13 MAIN REASON FOR TAKING A10 CL REC# 4'
EMPLREA1  = 'A14 CAREER REASONS FOR TAKING A10 REC# 1'
EMPLREA2  = 'A14 CAREER REASONS FOR TAKING A10 REC# 2'
EMPLREA3  = 'A14 CAREER REASONS FOR TAKING A10 REC# 3'
EMPLREA4  = 'A14 CAREER REASONS FOR TAKING A10 REC# 4'
TRNMGMT1  = 'A17A EXECUTIVE MGMT DEVELOPMENT T REC# 1'
TRNMGMT2  = 'A17A EXECUTIVE MGMT DEVELOPMENT T REC# 2'
TRNMGMT3  = 'A17A EXECUTIVE MGMT DEVELOPMENT T REC# 3'
TRNMGMT4  = 'A17A EXECUTIVE MGMT DEVELOPMENT T REC# 4'
TRNSUPR1  = 'A17B SUPERVISORY TRAINING         REC# 1'
TRNSUPR2  = 'A17B SUPERVISORY TRAINING         REC# 2'
TRNSUPR3  = 'A17B SUPERVISORY TRAINING         REC# 3'
TRNSUPR4  = 'A17B SUPERVISORY TRAINING         REC# 4'
TRNPROF1  = 'A17C PROFESSIONAL DEVELOPMENT TRA REC# 1'
TRNPROF2  = 'A17C PROFESSIONAL DEVELOPMENT TRA REC# 2'
TRNPROF3  = 'A17C PROFESSIONAL DEVELOPMENT TRA REC# 3'
TRNPROF4  = 'A17C PROFESSIONAL DEVELOPMENT TRA REC# 4'
TRNTECH1  = 'A17D TECHNICAL/SKILLED WORKER TRA REC# 1'
TRNTECH2  = 'A17D TECHNICAL/SKILLED WORKER TRA REC# 2'
TRNTECH3  = 'A17D TECHNICAL/SKILLED WORKER TRA REC# 3'
TRNTECH4  = 'A17D TECHNICAL/SKILLED WORKER TRA REC# 4'
TRNCS1    = 'A17E WORD PROCESSING/COMPUTER SOF REC# 1'
TRNCS2    = 'A17E WORD PROCESSING/COMPUTER SOF REC# 2'
TRNCS3    = 'A17E WORD PROCESSING/COMPUTER SOF REC# 3'
TRNCS4    = 'A17E WORD PROCESSING/COMPUTER SOF REC# 4'
TRNHLTH1  = 'A17F JOB HEALTH AND SAFETY TRAINI REC# 1'
TRNHLTH2  = 'A17F JOB HEALTH AND SAFETY TRAINI REC# 2'
TRNHLTH3  = 'A17F JOB HEALTH AND SAFETY TRAINI REC# 3'
TRNHLTH4  = 'A17F JOB HEALTH AND SAFETY TRAINI REC# 4'
TRNQC1    = 'A17G QUALITY CONTROL/STATISTICAL  REC# 1'
TRNQC2    = 'A17G QUALITY CONTROL/STATISTICAL  REC# 2'
TRNQC3    = 'A17G QUALITY CONTROL/STATISTICAL  REC# 3'
TRNQC4    = 'A17G QUALITY CONTROL/STATISTICAL  REC# 4'
TRNSALE1  = 'A17H SALES AND MARKETING TRAINING REC# 1'
TRNSALE2  = 'A17H SALES AND MARKETING TRAINING REC# 2'
TRNSALE3  = 'A17H SALES AND MARKETING TRAINING REC# 3'
TRNSALE4  = 'A17H SALES AND MARKETING TRAINING REC# 4'
TRNEMPL1  = 'A17I NEW EMPLOYEE TRAINING        REC# 1'
```

BEST COPY AVAILABLE

```
TRNEMPL2  = 'A17I NEW EMPLOYEE TRAINING        REC# 2'
TRNEMPL3  = 'A17I NEW EMPLOYEE TRAINING        REC# 3'
TRNEMPL4  = 'A17I NEW EMPLOYEE TRAINING        REC# 4'
TRNOTHE1  = 'A17J SOME OTHER KIND OF TRAINING  REC# 1'
TRNOTHE2  = 'A17J SOME OTHER KIND OF TRAINING  REC# 2'
TRNOTHE3  = 'A17J SOME OTHER KIND OF TRAINING  REC# 3'
TRNOTHE4  = 'A17J SOME OTHER KIND OF TRAINING  REC# 4'
REQUIRE1  = 'A18 TAKE A10 CLASS TO MEET REQUIR REC# 1'
REQUIRE2  = 'A18 TAKE A10 CLASS TO MEET REQUIR REC# 2'
REQUIRE3  = 'A18 TAKE A10 CLASS TO MEET REQUIR REC# 3'
REQUIRE4  = 'A18 TAKE A10 CLASS TO MEET REQUIR REC# 4'
DEGREE1   = 'A19 A10 CLASS FULFILLS TYPE REQUI REC# 1'
DEGREE2   = 'A19 A10 CLASS FULFILLS TYPE REQUI REC# 2'
DEGREE3   = 'A19 A10 CLASS FULFILLS TYPE REQUI REC# 3'
DEGREE4   = 'A19 A10 CLASS FULFILLS TYPE REQUI REC# 4'
LICENSE1  = 'A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 1'
LICENSE2  = 'A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 2'
LICENSE3  = 'A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 3'
LICENSE4  = 'A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 4'
OBTAIN1   = 'A200V OBTAIN OR RENEW LICENSE/CER REC# 1'
OBTAIN2   = 'A200V OBTAIN OR RENEW LICENSE/CER REC# 2'
OBTAIN3   = 'A200V OBTAIN OR RENEW LICENSE/CER REC# 3'
OBTAIN4   = 'A200V OBTAIN OR RENEW LICENSE/CER REC# 4'
SPONTYP1  = 'A22 A10 CLASS SPONSORED BY TYPE O REC# 1'
SPONTYP2  = 'A22 A10 CLASS SPONSORED BY TYPE O REC# 2'
SPONTYP3  = 'A22 A10 CLASS SPONSORED BY TYPE O REC# 3'
SPONTYP4  = 'A22 A10 CLASS SPONSORED BY TYPE O REC# 4'
EMPLPRO1  = 'A23 A10 CLASS SPONSOR IS EMPLOYER REC# 1'
EMPLPRO2  = 'A23 A10 CLASS SPONSOR IS EMPLOYER REC# 2'
EMPLPRO3  = 'A23 A10 CLASS SPONSOR IS EMPLOYER REC# 3'
EMPLPRO4  = 'A23 A10 CLASS SPONSOR IS EMPLOYER REC# 4'
EMPLTIM1  = 'A23A EMPLOYED AT TIME A10 CLASS T REC# 1'
EMPLTIM2  = 'A23A EMPLOYED AT TIME A10 CLASS T REC# 2'
EMPLTIM3  = 'A23A EMPLOYED AT TIME A10 CLASS T REC# 3'
EMPLTIM4  = 'A23A EMPLOYED AT TIME A10 CLASS T REC# 4'
EMPLONL1  = 'A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 1'
EMPLONL2  = 'A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 2'
EMPLONL3  = 'A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 3'
EMPLONL4  = 'A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 4'
ATWORK1   = 'A25 A10 CLASS GIVEN AT WORK       REC# 1'
ATWORK2   = 'A25 A10 CLASS GIVEN AT WORK       REC# 2'
ATWORK3   = 'A25 A10 CLASS GIVEN AT WORK       REC# 3'
ATWORK4   = 'A25 A10 CLASS GIVEN AT WORK       REC# 4'
EMPLREQ1  = 'A25A EMPLOYER REQUIRED A10 CLASS  REC# 1'
EMPLREQ2  = 'A25A EMPLOYER REQUIRED A10 CLASS  REC# 2'
EMPLREQ3  = 'A25A EMPLOYER REQUIRED A10 CLASS  REC# 3'
EMPLREQ4  = 'A25A EMPLOYER REQUIRED A10 CLASS  REC# 4'
TIMEOFF1  = 'A26 GIVEN TIME OFF TO TAKE A10 CL REC# 1'
TIMEOFF2  = 'A26 GIVEN TIME OFF TO TAKE A10 CL REC# 2'
TIMEOFF3  = 'A26 GIVEN TIME OFF TO TAKE A10 CL REC# 3'
TIMEOFF4  = 'A26 GIVEN TIME OFF TO TAKE A10 CL REC# 4'
CORRESP1  = 'A27 A10 CLASS A CORRESPONDENCE CO REC# 1'
CORRESP2  = 'A27 A10 CLASS A CORRESPONDENCE CO REC# 2'
CORRESP3  = 'A27 A10 CLASS A CORRESPONDENCE CO REC# 3'
CORRESP4  = 'A27 A10 CLASS A CORRESPONDENCE CO REC# 4'
MAILTV1   = 'A28 A10 CORR COURSE - TYPE INSTRU REC# 1'
MAILTV2   = 'A28 A10 CORR COURSE - TYPE INSTRU REC# 2'
MAILTV3   = 'A28 A10 CORR COURSE - TYPE INSTRU REC# 3'
MAILTV4   = 'A28 A10 CORR COURSE - TYPE INSTRU REC# 4'
PAIDFAM1  = 'A29A YOU OR FAMILY PAID           REC# 1'
PAIDFAM2  = 'A29A YOU OR FAMILY PAID           REC# 2'
PAIDFAM3  = 'A29A YOU OR FAMILY PAID           REC# 3'
PAIDFAM4  = 'A29A YOU OR FAMILY PAID           REC# 4'
PAIDFED1  = 'A29B FEDERAL GOVERNMENT PAID      REC# 1'
PAIDFED2  = 'A29B FEDERAL GOVERNMENT PAID      REC# 2'
PAIDFED3  = 'A29B FEDERAL GOVERNMENT PAID      REC# 3'
PAIDFED4  = 'A29B FEDERAL GOVERNMENT PAID      REC# 4'
PAIDSTA1  = 'A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 1'
```

```
PAIDSTA2  = 'A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 2'
PAIDSTA3  = 'A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 3'
PAIDSTA4  = 'A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 4'
PAIDBUS1  = 'A29D BUSINESS OR INDUSTRY PAID    REC# 1'
PAIDBUS2  = 'A29D BUSINESS OR INDUSTRY PAID    REC# 2'
PAIDBUS3  = 'A29D BUSINESS OR INDUSTRY PAID    REC# 3'
PAIDBUS4  = 'A29D BUSINESS OR INDUSTRY PAID    REC# 4'
PAIDPRI1  = 'A29E PRIVATE ORGANIZATION PAID    REC# 1'
PAIDPRI2  = 'A29E PRIVATE ORGANIZATION PAID    REC# 2'
PAIDPRI3  = 'A29E PRIVATE ORGANIZATION PAID    REC# 3'
PAIDPRI4  = 'A29E PRIVATE ORGANIZATION PAID    REC# 4'
PAIDOTH1  = 'A29F SOMEONE ELSE PAID            REC# 1'
PAIDOTH2  = 'A29F SOMEONE ELSE PAID            REC# 2'
PAIDOTH3  = 'A29F SOMEONE ELSE PAID            REC# 3'
PAIDOTH4  = 'A29F SOMEONE ELSE PAID            REC# 4'
PAIDFRE1  = 'A29G THERE WAS NO CHARGE          REC# 1'
PAIDFRE2  = 'A29G THERE WAS NO CHARGE          REC# 2'
PAIDFRE3  = 'A29G THERE WAS NO CHARGE          REC# 3'
PAIDFRE4  = 'A29G THERE WAS NO CHARGE          REC# 4'
PAIDUNI1  = 'A29H POST SEC INST PAID-RECODE REC #1   '
PAIDUNI2  = 'A29H POST SEC INST PAID-RECODE REC #2   '
PAIDUNI3  = 'A29H POST SEC INST PAID-RECODE REC #3   '
PAIDUNI4  = 'A29H POST SEC INST PAID-RECODE REC #4   '
PAIDEMP1  = 'A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 1'
PAIDEMP2  = 'A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 2'
PAIDEMP3  = 'A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 3'
PAIDEMP4  = 'A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 4'
TUITION1  = 'A31 AMOUNT PAID FOR TUITION & FEE REC# 1'
TUITION2  = 'A31 AMOUNT PAID FOR TUITION & FEE REC# 2'
TUITION3  = 'A31 AMOUNT PAID FOR TUITION & FEE REC# 3'
TUITION4  = 'A31 AMOUNT PAID FOR TUITION & FEE REC# 4'
TUITONE1  = 'A31A TUITION FOR MORE THAN ONE CO REC# 1'
TUITONE2  = 'A31A TUITION FOR MORE THAN ONE CO REC# 2'
TUITONE3  = 'A31A TUITION FOR MORE THAN ONE CO REC# 3'
TUITONE4  = 'A31A TUITION FOR MORE THAN ONE CO REC# 4'
TUITNUM1  = 'A31B NUMBER OF COURSES TUITION CO REC# 1'
TUITNUM2  = 'A31B NUMBER OF COURSES TUITION CO REC# 2'
TUITNUM3  = 'A31B NUMBER OF COURSES TUITION CO REC# 3'
TUITNUM4  = 'A31B NUMBER OF COURSES TUITION CO REC# 4'
CLASNUM1  = 'A32 # WEEKS A10 CLASS SCHEDULED T REC# 1'
CLASNUM2  = 'A32 # WEEKS A10 CLASS SCHEDULED T REC# 2'
CLASNUM3  = 'A32 # WEEKS A10 CLASS SCHEDULED T REC# 3'
CLASNUM4  = 'A32 # WEEKS A10 CLASS SCHEDULED T REC# 4'
CLASUNI1  = 'A32 UNITS A10 CLASS SCHEDULED TO  REC# 1'
CLASUNI2  = 'A32 UNITS A10 CLASS SCHEDULED TO  REC# 2'
CLASUNI3  = 'A32 UNITS A10 CLASS SCHEDULED TO  REC# 3'
CLASUNI4  = 'A32 UNITS A10 CLASS SCHEDULED TO  REC# 4'
CLASHRS1  = 'A33 # HOURS PER WEEK A10 CLASS SC REC# 1'
CLASHRS2  = 'A33 # HOURS PER WEEK A10 CLASS SC REC# 2'
CLASHRS3  = 'A33 # HOURS PER WEEK A10 CLASS SC REC# 3'
CLASHRS4  = 'A33 # HOURS PER WEEK A10 CLASS SC REC# 4'
COMPLET1  = 'A34 COMPLETED A10 CLASS           REC# 1'
COMPLET2  = 'A34 COMPLETED A10 CLASS           REC# 2'
COMPLET3  = 'A34 COMPLETED A10 CLASS           REC# 3'
COMPLET4  = 'A34 COMPLETED A10 CLASS           REC# 4'
TAKING1   = 'A34A STILL TAKING COURSE OR DROPP REC# 1'
TAKING2   = 'A34A STILL TAKING COURSE OR DROPP REC# 2'
TAKING3   = 'A34A STILL TAKING COURSE OR DROPP REC# 3'
TAKING4   = 'A34A STILL TAKING COURSE OR DROPP REC# 4'
BASIC     = 'A15 AE COURSES INCL BASIC SKILLS TR     '
ENGLISH   = 'A16 AE COURSES FOR ENG AS 2ND LANG      '
CITIZEN   = 'A35 AE COURSES FOR NATURALIZATION       '
AECOURSE  = 'A36 TAKEN ANY AE COURSES (EXCL FT)      '
AEPAST3   = 'A37 TAKEN AE COURSES IN PAST 3 YRS      '
AEJOB     = 'A38 AE COURSES BENEFIT CAREER           '
AEBASIC   = 'A39 AE COURSES BENEFIT BASIC SKILLS     '
AELICENS  = 'A40 AE COURSES HELP OBTAIN/RENEW LICENSE'
PREVJOB   = 'A41A PREVENT AE-YOUR WORK SCHEDULE      '
```

```
PREVTIME  = 'A41B PREVENT AE-MEETING TIMES OF CLASSES'
PREVCOST  = 'A41C PREVENT AE-COST OF CLASSES         '
PREVLOCA  = 'A41D PREVENT AE-LOCATION OF CLASSES     '
PREVTRAN  = 'A41E PREVENT AE-LACK OF TRANSPORTATION  '
PREVCHIL  = 'A41F PREVENT AE-LACK OF CHILD CARE      '
PREVFAM   = 'A41G PREVENT AE-OTH FAMILY RESPONSIBILIT'
PREVINFO  = 'A41H PREVENT AE-LACK OF INFO AB CLASSES '
PREVINT   = 'A41I PREVENT AE-NO INTERESTING CLASSES  '
PREVOTHR  = 'A41J PREVENT AE-SOME OTHER REASON       '
PREVOLD   = 'A41K OLD AGE-RECODE                     '
PREVSICK  = 'A41L SICKNESS-RECODE                    '
PREVDSIR  = 'A41M NO INTEREST/DESIRE-RECODE          '
PREVMOTV  = 'A41N MOTIVATION-RECODE                  '
PREVTIRD  = 'A41O TIRED/EXHAUSTED RECODE             '
PREVBUSY  = 'A41P GENERAL TIME PROBLEM/BUSY-RECODE   '
RACEVER   = 'A42A RACE VERIFICATION                  '
HISPVER   = 'A42A1 RESPONDENT OF HISPANIC ORIGIN     '
SEXVER    = 'A42B S10E GENDER VERIFICATION           '
EVERMARI  = 'A43 EVER MARRIED                        '
MARISTAT  = 'A44 CURRENTLY MARRIED                   '
WORKPAY   = 'A45 EVER WORKED AT A JOB FOR PAY        '
WORKWEEK  = 'A45A WORKED AT A JOB FOR PAY LAST WEEK  '
VACATION  = 'A46 ON LEAVE OR VACATION FROM A JOB     '
LEAVEMM   = 'A51 MNTH RESPONDENT LEFT MOST RECENT JOB'
LEAVEYY   = 'A51 YEAR RESPONDENT LEFT MOST RECENT JOB'
WORKHRS   = 'A52 HOURS PER WEEK WORK FOR PAY         '
LOOKWORK  = 'A54 LOOKING FOR WORK ON PAST 4 WEEKS    '
LOOKPUBL  = 'A55A CHECKED W/PUBLIC EMPLOYMENT AGENCY '
LOOKPRIV  = 'A55B CHECKED W/PRIVATE EMPLOYMENT AGENCY'
LOOKEMPL  = 'A55C CHECKED WITH EMPLOYER DIRECTLY     '
LOOKFRND  = 'A55D CHECKED WITH FRIENDS OR RELATIVES  '
LOOKADS   = 'A55E PLACED OR ANSWERED ADS             '
LOOKNOTH  = 'A55F DID NTHING TO FIND WORK            '
LOOKOTHR  = 'A55G DID SOMETHING ELSE TO FIND WORK    '
LASTACTY  = 'A56 MAIN ACTIVITY LAST WEEK             '
UNDER16   = 'A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU   '
UNDER16N  = 'A58 # OF KIDS < 16 WHO LIVE W/ YOU      '
HIGHGRAD  = 'A59 HIGHEST GRADE COMPLETED             '
HSDIPLMA  = 'A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV'
MAINACTY  = 'A61 MAIN ACTIVITY IN PAST 12 MONTHS     '
LIBMO     = 'A62 USED PUBLIC LIBRARY IN PAST MONTH?  '
LIBYR     = 'A63 USED PUBLIC LIBRARY IN PAST YEAR?   '
CENSUSDV  = 'CENSUS DIVISION                         '
CENSUSRG  = 'CENSUS REGION                           '
MAINRSLT  = 'RESULT FOR THIS RESPONDENT              '
MILFLG    = 'MILITARY FLAG                           '
PSU       = 'FOR TAYLOR SERIES VARIANCE              '
REGION    = 'DEPARTMENT OF EDUCATION REGION          '
SAMPSTAT  = 'PARTICIPATION STATUS AT SAMPLING        '
SIC       = 'INDUSTRY CODE                           '
SOC       = 'OCCUPATION CODE                         '
URBAN     = 'URBANICITY                              '
VSTRAT    = 'FOR TAYLOR SERIES VARIANCE              '
AEBASLIT  = 'D-ADULT EDUCATION TO IMPROVE SKILLS     '
AEDEGREQ  = 'D-ADULT EDUCATION REQUIRED F/DEGREE     '
AEEMPREA  = 'D-ADULT EDUCATION F/JOB-RELATED REASON  '
AEEMPREQ  = 'D-ADULT EDUCATION REQUIRED BY EMPLOYER  '
AEESL     = 'D-ADULT EDUCATION F/ENGLISH AS 2ND LANG '
AEEVER    = 'D-EVER PARTICIPATED IN ADULT EDUCATION  '
AELABOR   = 'D-LABOR FORCE STATUS                    '
AELICNS   = 'D-ADULT EDUCATION F/LICENSE/CERTIFICATE '
AENUMCSE  = 'D-TOTAL # AE COURSES TAKEN IN PAST 12M  '
AEPARANY  = 'D-ADULT EDUC INCLUDING F/T DEGREE PROG  '
AEPARTIC  = 'D-ADULT EDUC EXCLUDING F/T DEGREE PGMS  '
AEPRTIME  = 'D-ADULT EDUC. EXCLUDING F/T PROGRAM     '
AETRAIN   = 'D-ADULT EDUCATION W/TRAINING COMPONENT  '
CEMPREA1  = 'D-REASON F/TAKING COURSE-1 JOB RELATED  '
CEMPREA2  = 'D-REASON F/TAKING COURSE-2 JOB RELATED  '
```

```
CEMPREA3  = 'D-REASON F/TAKING COURSE-3 JOB RELATED  '
CEMPREA4  = 'D-REASON F/TAKING COURSE-4 JOB RELATED  '
CNUMWKS1  = 'D-#WEEKS COURSE-1 SCHEDULED TO RUN      '
CNUMWKS2  = 'D-#WEEKS COURSE-2 SCHEDULED TO RUN      '
CNUMWKS3  = 'D-#WEEKS COURSE-3 SCHEDULED TO RUN      '
CNUMWKS4  = 'D-#WEEKS COURSE-4 SCHEDULED TO RUN      '
CREQUIR1  = 'D-CRSE-1 REQ F/CERT OF COMPLETION/DIPL  '
CREQUIR2  = 'D-CRSE-2 REQ F/CERT OF COMPLETION/DIPL  '
CREQUIR3  = 'D-CRSE-3 REQ F/CERT OF COMPLETION/DIPL  '
CREQUIR4  = 'D-CRSE-4 REQ F/CERT OF COMPLETION/DIPL  '
CTRAIN1   = 'D-ANY TRAINING COMPONENT COURSE-1       '
CTRAIN2   = 'D-ANY TRAINING COMPONENT COURSE-2       '
CTRAIN3   = 'D-ANY TRAINING COMPONENT COURSE-3       '
CTRAIN4   = 'D-ANY TRAINING COMPONENT COURSE-4       '
FTBASESL  = 'D-F/T BASIC SKILLS/ESL COURSE           '
FTDEGREE  = 'D-FULLTIME ASSOC/BACH DEGREE PROGRAM    '
FTNONDEG  = 'D-F/T NONDEG PGM                        '
HIDEGREE  = 'D-HIGHEST DEGREE ATTAINED               '
INCLEVEL  = 'D-LEVEL OF INCOME                       '
RACEETHN  = 'D-RACE-ETHNICITY                        '
SALARY    = 'D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB'
SCHOOLNG  = 'D-YEARS OF SCHOOL COMPLETED             '
AELABF    = 'IMPUTATION FLAG FOR LABOR FORCE STATUS  '
AGEF      = 'IMPUTATION FLAG FOR AGE                 '
EVERMARF  = 'IMPUTATION FLAG FOR EVERMARI            '
HIGHGRAF  = 'IMPUTATION FLAG FOR HIGHGRAD            '
HISPVERF  = 'IMPUTATION FLAG FOR HISPVER             '
HSDIPLMF  = 'IMPUTATION FLAG FOR HSDIPLMA            '
INCOMRNF  = 'INCOMRNG IMPUTED FLAG                   '
MARISTAF  = 'IMPUTATION FLAG FOR MARISTAT            '
NUMPERSF  = 'NUMPERS IMPUTED FLAG                    '
OWNHOMEF  = 'OWNHOME IMPUTED FLAG                    '
RACEVERF  = 'IMPUTATION FLAG FOR RACEVER             '
SALARYF   = 'IMPUTATION FLAG FOR SALARY              '
SICF      = 'IMPUTATION FLAG FOR SIC                 '
SOCF      = 'IMPUTATION FLAG FOR SOC                 '
UNDER16F  = 'IMPUTATION FLAG FOR UNDER16             '
AEWT      = 'FINAL ADULT WEIGHT.                     '
AEREPL1   = 'REPLICATE WEIGHT                        '
AEREPL2   = 'REPLICATE WEIGHT                        '
AEREPL3   = 'REPLICATE WEIGHT                        '
AEREPL4   = 'REPLICATE WEIGHT                        '
AEREPL5   = 'REPLICATE WEIGHT                        '
AEREPL6   = 'REPLICATE WEIGHT                        '
AEREPL7   = 'REPLICATE WEIGHT                        '
AEREPL8   = 'REPLICATE WEIGHT                        '
AEREPL9   = 'REPLICATE WEIGHT                        '
AEREPL10  = 'REPLICATE WEIGHT                        '
AEREPL11  = 'REPLICATE WEIGHT                        '
AEREPL12  = 'REPLICATE WEIGHT                        '
AEREPL13  = 'REPLICATE WEIGHT                        '
AEREPL14  = 'REPLICATE WEIGHT                        '
AEREPL15  = 'REPLICATE WEIGHT                        '
AEREPL16  = 'REPLICATE WEIGHT                        '
AEREPL17  = 'REPLICATE WEIGHT                        '
AEREPL18  = 'REPLICATE WEIGHT                        '
AEREPL19  = 'REPLICATE WEIGHT                        '
AEREPL20  = 'REPLICATE WEIGHT                        '
AEREPL21  = 'REPLICATE WEIGHT                        '
AEREPL22  = 'REPLICATE WEIGHT                        '
AEREPL23  = 'REPLICATE WEIGHT                        '
AEREPL24  = 'REPLICATE WEIGHT                        '
AEREPL25  = 'REPLICATE WEIGHT                        '
AEREPL26  = 'REPLICATE WEIGHT                        '
AEREPL27  = 'REPLICATE WEIGHT                        '
AEREPL28  = 'REPLICATE WEIGHT                        '
AEREPL29  = 'REPLICATE WEIGHT                        '
AEREPL30  = 'REPLICATE WEIGHT                        '
```

```
      AEREPL31  = 'REPLICATE WEIGHT                        '
      AEREPL32  = 'REPLICATE WEIGHT                        '
      AEREPL33  = 'REPLICATE WEIGHT                        '
      AEREPL34  = 'REPLICATE WEIGHT                        '
      AEREPL35  = 'REPLICATE WEIGHT                        '
      AEREPL36  = 'REPLICATE WEIGHT                        '
      AEREPL37  = 'REPLICATE WEIGHT                        '
      AEREPL38  = 'REPLICATE WEIGHT                        '
      AEREPL39  = 'REPLICATE WEIGHT                        '
      AEREPL40  = 'REPLICATE WEIGHT                        '
      AEREPL41  = 'REPLICATE WEIGHT                        '
      AEREPL42  = 'REPLICATE WEIGHT                        '
      AEREPL43  = 'REPLICATE WEIGHT                        '
      AEREPL44  = 'REPLICATE WEIGHT                        '
      AEREPL45  = 'REPLICATE WEIGHT                        '
      AEREPL46  = 'REPLICATE WEIGHT                        '
      AEREPL47  = 'REPLICATE WEIGHT                        '
      AEREPL48  = 'REPLICATE WEIGHT                        '
      AEREPL49  = 'REPLICATE WEIGHT                        '
      AEREPL50  = 'REPLICATE WEIGHT                        '
   ;
RUN;

PROC FORMAT;
   VALUE YESNO
       -1 = 'INAPPLICABLE'
       -7 = 'REFUSED'
       -8 = 'DK'
       -9 = 'NOT ASCERTAINED'
       1 = 'YES'
       2 = 'NO';
   VALUE AGE
       -1 = 'INAPPLICABLE'
       -7 = 'REFUSED'
       -8 = 'DK'
       -9 = 'NOT ASCERTAINED'
       16 - 80 = 'ADULT''S AGE'
       2 - 9 = 'CHILD''S AGE';
   VALUE YES
       -1 = 'INAPPLICABLE'
       1 = 'IMPUTED VALUE';
   VALUE CENSUSDV
       -1 = 'INAPPLICABLE'
       1 = 'NEW ENGLAND'
       2 = 'MIDDLE ATLANTIC'
       3 = 'EAST NORTH CENTRAL'
       4 = 'WEST NORTH CENTRAL'
       5 = 'SOUTH ATLANTIC'
       6 = 'EAST SOUTH CENTRAL'
       7 = 'WEST SOUTH CENTRAL'
       8 = 'MOUNTAIN'
       9 = 'PACIFIC';
   VALUE CENSUSRG
       -1 = 'INAPPLICABLE'
       1 = 'NORTHEAST'
       2 = 'MIDWEST'
       3 = 'SOUTH'
       4 = 'WEST';
   VALUE CLASHRS
       -1 = 'INAPPLICABLE'
       -7 = 'REFUSED'
       -8 = 'DK'
       -9 = 'NOT ASCERTAINED'
       1 - 84 = 'HOURS PER WEEK';
   VALUE CLASNUM
       -1 = 'INAPPLICABLE'
       -7 = 'REFUSED'
       -8 = 'DK'
```

```
        -9 = 'NOT ASCERTAINED'
        1 - 60 = 'NUMBER OF UNITS SCHEDULED TO RUN';
    VALUE UNITS
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        1 = 'WEEKS'
        2 = 'MONTHS'
        3 = 'SEMESTERS'
        4 = 'QUARTERS'
        5 = 'YEARS';
    VALUE DEGREE
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        0 = 'INELIGIBLE TYPE REPORTED'
        1 = '8TH GRADE CERTIFICATE OF COMPLETION'
        2 = 'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
        3 = 'VOCATIONAL DIPLOMA OR CERTIFICATE'
        4 = '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
        5 = '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
        6 = 'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
        7 = 'COLLEGE CERTIFICATE'
        8 = 'LICENSE'
        91 = 'OTHER (SPECIFY)';
    VALUE FTNUM
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        0 - 27 = 'NUMBER OF CLASSES';
    VALUE HIGHGRAD
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        1 = 'UP TO EIGHTH GRADE'
        2 = 'NINTH TO ELEVENTH GRADE'
        3 = 'HIGH SCHOOL DIPLOMA OR EQUIVALENT'
        4 = 'VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL'
        5 = '1-2 YEARS OF COLLEGE'
        6 = 'ASSOCIATE''S DEGREE'
        7 = '3-4 YEARS OF COLLEGE'
        8 = 'BACHELOR''S DEGREE'
        9 = 'GRADUATE OR PROFESSIONAL SCHOOL';
    VALUE HOMETYPE
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        0 = 'BLANKS ALLOWED'
        1 = 'SINGLE FAMILY HOUSE OR TOWNHOUSE'
        2 = 'APARTMENT'
        3 = 'SOME OTHER TYPE OF HOME';
    VALUE INCOMRNG
        -1 = 'INAPPLICABLE'
        -7 = 'REFUSED'
        -8 = 'DK'
        -9 = 'NOT ASCERTAINED'
        0 = 'BLANKS ALLOWED'
        1 = '$5,000 OR LESS'
        10 = 'OVER $75,000'
        2 = '$5,001 TO $10,000'
        3 = '$10,001 TO $15,000'
        4 = '$15,001 TO $20,000'
        5 = '$20,001 TO $25,000'
```

```
     6 = '$25,001 TO $30,000'
     7 = '$30,001 TO $40,000'
     8 = '$40,001 TO $50,000'
     9 = '$50,001 TO $75,000';
VALUE LASTACTY
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'KEEPING HOUSE/CARING FOR CHILDREN'
     2 = 'GOING TO SCHOOL'
     3 = 'RETIRED'
     4 = 'UNABLE TO WORK'
     91 = 'OTHER (SPECIFY)';
VALUE MONTH1X
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 - 12 = 'MONTH';
VALUE LEAVEYY
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     27 - 91 = 'YEAR LEFT JOB';
VALUE LIVENOW
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'HERE'
     2 = 'STUDENT HOUSING'
     3 = 'OTHER PRIVATE HOME OR APARTMENT'
     4 = 'INSTITUTUIN OR GROUP QUARTERS';
VALUE MAILTV
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'THROUGH THE MAIL'
     2 = 'BY TELEVISION OR RADIO';
VALUE MAINACTY
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'PURSUING AN EDUCATION'
     2 = 'WORKING AT A JOB'
     3 = 'KEEPING HOUSE OR CARING FOR CHILDREN'
     91 = 'SOMETHING ELSE'
     92 = 'RETIRED'
     93 = 'SICK OR DISABLED';
VALUE $SURVR
     '-1' = 'INAPPLICABLE'
     'CA' = 'ADULT EDUCATION PARTICIPANT'
     'CN' = 'ADULT EDUCATION NONPARTICIPANT';
VALUE MARISTAT
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'MARRIED'
     2 = 'SEPARATED'
     3 = 'DIVORCED'
     4 = 'WIDOWED';
VALUE NUMPERS
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      0 = 'BLANKS ALLOWED'
      1 - 15 = 'NUMBER OF PEOPLE';
 VALUE OBTAIN
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      1 = 'OBTAIN LICENSE OR CERTIFICATE'
      2 = 'RENEW LICENSE OR CERTIFICATE';
 VALUE OTNUM
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      0 - 40 = 'NUMBER OF OTHER COURSES';
 VALUE OWNHOME
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      0 = 'BLANKS ALLOWED'
      1 = 'OWN YOUR HOME'
      2 = 'RENT YOUR HOME'
      3 = 'HAVE SOME OTHER ARRANGEMENT';
 VALUE PAIDFREE
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      1 = 'NO CHARGE'
      2 = 'CHARGE';
 VALUE PTDEGREE
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      0 = 'NOT ENROLLED/NOT DEGREE SEEKING'
      1 = 'ASSOCIATE''S DEGREE'
      2 = 'BACHELOR''S DEGREE'
      3 = 'MASTER''S DEGREE'
      4 = 'DOCTORATE'
      5 = 'PROFESSIONAL (RE)CERTIFICATION'
     91 = 'OTHER DEGREE (SPECIFY)';
 VALUE RACE
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
      1 = 'WHITE'
      2 = 'BLACK'
      3 = 'NATIVE AMERICAN OR ALASKAN NATIVE'
      4 = 'ASIAN OR PACIFIC ISLANDER'
     91 = 'SOME OTHER RACE';
 VALUE REGIONED
     -1 = 'INAPPLICABLE'
     -9 = 'NOT ASCERTAINED'
      1 = 'NORTHEAST'
      2 = 'CENTRAL'
      3 = 'SOUTHEAST'
      4 = 'WEST';
 VALUE SEXVER
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
```

```
      1 = 'MALE'
      2 = 'FEMALE';
VALUE $SIC
      '-1' = 'INAPPLICABLE'
      '-7' = 'REFUSED'
      '-8' = 'UNKNOWN'
      '-9' = 'UNACCERTAINED'
      'A' = 'AGRICULTURE, FORESTRY, AND FISHING'
      'B' = 'MINING'
      'C' = 'CONSTRUCTION'
      'D' = 'MANUFACTURING'
      'D35' = 'INDUSTRIAL MACHINERY AND EQUIPMENT'
      'D36' = 'ELECTRONIC AND OTHER ELECTRIC EQUIPMENT'
      'D37' = 'TRANSPORTATION EQUIPMENT'
      'E' = 'TRANSPORTATION AND PUBLIC UTILITIES'
      'E41' = 'LOCAL AND INTERURBAN PASSENGER TRANSIT'
      'E42' = 'TRUCKING AND WAREHOUSING'
      'E43' = 'U.S. POSTAL SERVICE'
      'E48' = 'COMMUNICATIONS'
      'E49' = 'ELECTRIC, GAS, AND SANITARY SERVICES'
      'F' = 'WHOLESALE TRADE'
      'G' = 'RETAIL TRADE'
      'H' = 'FINANCE, INSURANCE, AND REAL ESTATE'
      'I' = 'SERVICES'
      'I737' = 'COMPUTER AND DATA PROCESSING'
      'I80' = 'HEALTH SERVICES'
      'I81' = 'LEGAL SERVICES'
      'I821' = 'ELEMENTARY AND SECONDARY SCHOOLS'
      'I822' = 'COLLEGES AND UNIVERSITIES'
      'I824' = 'VOCATIONAL SCHOOL'
      'I87' = 'ENGINEERING AND MANAGEMENT'
      'J' = 'PUBLIC ADMINISTRATION'
      'J914' = 'FEDERAL GOVERNMENT'
      'J915' = 'STATE OR LOCAL GOVERNMENT'
      'J971' = 'NATIONAL SECURITY'
      'K' = 'NONCLASSIFIABLE ESTABLISHMENTS';
VALUE $SOC
      '-1' = 'INAPPLICABLE'
      '-7' = 'REFUSED'
      '-8' = 'UNKNOWN'
      '-9' = 'UNACCERTAINED'
      'A' = 'EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIONS'
      'B' = 'ENGINEERS, SURVEYORS, AND ARCHITECTS'
      'C' = 'NATURAL SCIENTISTS, AND MATHEMATICIANS'
      'C171' = 'COMPUTER SCIENTISTS'
      'D19' = 'SOCIAL SCIENTISTS, AND URBAN PLANNERS'
      'D20' = 'SOCIAL,RECREATION,AND RELIGIOUS WORKERS'
      'D21' = 'LAWYERS AND JUDGES'
      'E22' = 'TEACHERS;COLL.,UNIV.,POSTSECONDARY INST.'
      'E23' = 'TEACHERS, EXCEPT POSTSECONDARY INST.'
      'E24' = 'VOCATIONAL AND EDUCATIONAL COUNSELORS'
      'E25' = 'LIBRARIANS, ARCHIVISTS, AND CURATORS'
      'F26' = 'PHYSICIANS AND DENTISTS'
      'F27' = 'VETERINARIANS'
      'F28' = 'OTHER HEALTH DIAG/TREATING PRACTITIONERS'
      'G29' = 'REGISTERED NURSES'
      'G30' = 'PHARM.,DIET.,THERAPISTS,PHYSICIAN''S ASST'
      'H' = 'WRITERS,ARTISTS,ENTERTAINERS, ATHLETES'
      'I' = 'HEALTH TECHNOLOGISTS AND TECHNICIANS'
      'J37' = 'ENGINEERING/TECHNOLOGISTS,TECHNICIANS'
      'J38' = 'SCIENCE TECHNOLOGISTS AND TECHNICIANS'
      'J39' = 'TECHNICIANS;EXCEPT HEALTH,ENG.,SCIENCE'
      'K' = 'MARKETING AND SALES OCCUPATIONS'
      'L' = 'ADMINISTRATIVE SUPPORT, INCL CLERICAL'
      'M' = 'SERVICE OCCUPATIONS'
      'N' = 'AGRICULTURE,FORESTRY,FISHING OCCUPATIONS'
      'O' = 'MECHANICS AND REPAIRERS'
      'O611' = 'VEHICLE,MOBILE EQUIP. MECHANICS/REPAIRER'
```

```
    '0615' = 'ELECTRIC,ELECTRONIC EQUIPMENT REPAIRERS'
    'P' = 'CONSTUCTION AND EXTRACTIVE OCCUPATIONS'
    'Q' = 'PRECISION PRODUCTION OCCUPATIONS'
    'R' = 'PRODUCTION WORKING OCCUPATIONS'
    'S' = 'TRANSPORTATION, MATERIAL MOVING'
    'S821' = 'MOTOR VEHICLE OPERATORS'
    'T' = 'HANDLERS,EQUIP. CLEANERS,HELPERS,LABORER'
    'U' = 'MILITARY OCCUPATIONS'
    'V' = 'MISCELLANEOUS OCCUPATIONS'
    'Y' = 'HOUSEWIFE'
    'Z' = 'UNEMPL,RETIRED,DISABLED,UNCLASSIFIABLE';
VALUE SPONTYPE
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
    10 = 'PRIVATE COMMUNITY ORGANIZATION'
    2 = '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
    3 = '4-YR COLLEGE OR UNIVERSITY'
    4 = 'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
    5 = 'TUTOR OR PRIVATE INSTRUCTOR'
    6 = 'BUSINESS OR INDUSTRY'
    7 = 'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
    8 = 'LIBRARY'
    9 = 'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
    91 = 'SOMEONE ELSE';
VALUE TAKEREAS
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'PERSONAL, FAMILY, OR SOCIAL REASON'
    2 = 'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3 = 'TO TRAIN FOR A NEW JOB OR CAREER'
    4 = 'TO IMPROVE READING,WRITING,MATH SKILLS'
    5 = 'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91 = 'OTHER REASON';
VALUE TAKING
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'STILL TAKING COURSE'
    2 = 'DROPPED COURSE';
VALUE TUITION
    -1.00 = 'INAPPLICABLE'
    -7.00 = 'REFUSED'
    -8.00 = 'DK'
    -9.00 = 'NOT ASCERTAINED'
    0.25 - 10000.00 = 'TUITION AMOUNT';
VALUE UNDER16N
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 - 10 = 'NUMBER OF CHILDREN < 16';
VALUE URBAN
    -1 = 'INAPPLICABLE'
    -9 = 'NOT ASCERTAINED'
    0 = 'NON'
    1 = 'MSA'
    2 = 'NECMA';
VALUE HOURS
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 - 100 = 'HOURS WORKED PER WEEK';
VALUE WORKWEEK
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'YES'
    2 = 'NO'
    3 = 'RETIRED';
VALUE $OTNAME
   ' '  = 'NA/MISSING'
   '-1' = 'INAPPLICABLE'
   '-7' = 'REFUSED'
   '-8' = 'DK'
   '-9' = 'NOT ASCERTAINED'
   OTHER = 'COURSE NAME';
VALUE DYESNO
   . = 'NA/MISSING'
   0 = 'NO'
   1 = 'YES';
VALUE DYES
   . = 'NA/MISSING'
  -1 = 'INAPPLICABLE'
   1 = 'IMPUTED VALUE';
VALUE AEEVER
   . = 'NA/MISSING'
   0 = 'NEVER             '
   1 = 'PAST 12 MTHS      '
   2 = 'PAST 3Y N/PAST 12M'
   3 = 'BEFORE PAST 3YRS  ';
VALUE AEEMPREQ
   . = 'NA/MISSING'
   0 =  'NO               '
   1 =  'YES              '
   2 =  'N/EMP WHEN TAKING';
VALUE RACEETHN
   . = 'NA/MISSING'
   1 = 'WHITE, NON-HISPANIC'
   2 = 'BLACK, NON-HISPANIC'
   3 = 'HISPANIC           '
   4 = 'ALL OTHER RACES    ';
VALUE HIDEGREE
   . = 'NA/MISSING'
   1 = 'LESS THAN H/S DIP'
   2 = 'H/S DIP/EQUIV    '
   3 = 'ASSOCIATE DEG    '
   4 = 'BACH DEG/HIGHER  ';
VALUE INCLEVEL
   . = 'NA/MISSING'
   1 = '$10,000 OR LESS'
   2 = '$10,001-$15,000'
   3 = '$15,001-$20,000'
   4 = '$20,001-$25,000'
   5 = '$25,001-$30,000'
   6 = '$30,001-$40,000'
   7 = '$40,001-$50,000'
   8 = '$50,001-$75,000'
   9 = 'OVER $75,000   ';
VALUE AELABOR
   . = 'NA/MISSING'
   1 = 'EMPLOYED          '
   2 = 'UNEMPLOYED        '
   3 = 'NOT IN LABOR FORCE';
VALUE SCHOOLNG
   . = 'NA/MISSING'
   1 = 'UP TO 8TH GRD  '
   2 = '9-11 GRADE     '
   3 = '12TH GRADE     '
```

```
      4 = 'VOC AFTER H/S  '
      5 = 'SOME COLLEGE   '
      6 = 'ASSOCIATE DEG  '
      7 = 'BACH DEG/HIGHER';
   VALUE SALARY
      . = 'NA/MISSING'
      1000-75000 = 'SALARY';
   VALUE AENUMCSE
      . = 'NA/MISSING'
      0-40 = 'COURSES TAKEN';
   VALUE CNUMWKS
      . = 'NA/MISSING'
      1-624 = 'WEEKS SCHEDULED';
   VALUE SAMPSTAT
      1 = 'NONPARTICIPANT'
      2 = 'FULL-TIME DEGREE SEEKING'
      3 = 'OTHER(PART-TIME)';
RUN;

FORMAT
   AEBASIC     YESNO.
   AEBASLIT    DYESNO.
   AECOURSE    YESNO.
   AEDEGREQ    DYESNO.
   AEEMPREA    DYESNO.
   AEEMPREQ    AEEMPREQ.
   AEESL       DYESNO.
   AEEVER      AEEVER.
   AEJOB       YESNO.
   AELABF      YES.
   AELABOR     AELABOR.
   AELICENS    YESNO.
   AELICNS     DYESNO.
   AEPARANY    DYESNO.
   AEPARTIC    DYESNO.
   AEPAST3     YESNO.
   AEPRTIME    DYESNO.
   AETRAIN     DYESNO.
   AGEF        YES.
   ATWORK1     YESNO.
   ATWORK2     YESNO.
   ATWORK3     YESNO.
   ATWORK4     YESNO.
   BASIC       YESNO.
   CEMPREA1    DYESNO.
   CEMPREA2    DYESNO.
   CEMPREA3    DYESNO.
   CEMPREA4    DYESNO.
   CENSUSDV    CENSUSDV.
   CENSUSRG    CENSUSRG.
   CITIZEN     YESNO.
   CLASUNI1    UNITS.
   CLASUNI2    UNITS.
   CLASUNI3    UNITS.
   CLASUNI4    UNITS.
   COMPLET1    YESNO.
   COMPLET2    YESNO.
   COMPLET3    YESNO.
   COMPLET4    YESNO.
   CORRESP1    YESNO.
   CORRESP2    YESNO.
   CORRESP3    YESNO.
   CORRESP4    YESNO.
   CRDEGREE    YESNO.
   CREQUIR1    DYESNO.
   CREQUIR2    DYESNO.
   CREQUIR3    DYESNO.
   CREQUIR4    DYESNO.
```

```
CTRAIN1     DYESNO.
CTRAIN2     DYESNO.
CTRAIN3     DYESNO.
CTRAIN4     DYESNO.
CURENROL    YESNO.
DEGREE1     DEGREE.
DEGREE2     DEGREE.
DEGREE3     DEGREE.
DEGREE4     DEGREE.
EMPLONL1    YESNO.
EMPLONL2    YESNO.
EMPLONL3    YESNO.
EMPLONL4    YESNO.
EMPLPRO1    YESNO.
EMPLPRO2    YESNO.
EMPLPRO3    YESNO.
EMPLPRO4    YESNO.
EMPLREA1    YESNO.
EMPLREA2    YESNO.
EMPLREA3    YESNO.
EMPLREA4    YESNO.
EMPLREQ1    YESNO.
EMPLREQ2    YESNO.
EMPLREQ3    YESNO.
EMPLREQ4    YESNO.
EMPLTIM1    YESNO.
EMPLTIM2    YESNO.
EMPLTIM3    YESNO.
EMPLTIM4    YESNO.
ENGLISH     YESNO.
EVERMARF    YES.
EVERMARI    YESNO.
FTANY       YESNO.
FTASSOC     YESNO.
FTBACHLR    YESNO.
FTBASESL    DYESNO.
FTBASIC     YESNO.
FTCERT      YESNO.
FTDEGREE    DYESNO.
FTENGLSH    YESNO.
FTGED       YESNO.
FTNONDEG    DYESNO.
FTOTHER     YESNO.
FTSCHOOL    YESNO.
FTVOCA      YESNO.
HIDEGREE    HIDEGREE.
HIGHGRAD    HIGHGRAD.
HIGHGRAF    YES.
HISPVER     YESNO.
HISPVERF    YES.
HOMETYPE    HOMETYPE.
HSDIPLMA    YESNO.
HSDIPLMF    YES.
INCLEVEL    INCLEVEL.
INCOMRNF    YES.
INCOMRNG    INCOMRNG.
LASTACTY    LASTACTY.
LIBMO       YESNO.
LIBYR       YESNO.
LICENSE1    YESNO.
LICENSE2    YESNO.
LICENSE3    YESNO.
LICENSE4    YESNO.
LIVENOW     LIVENOW.
LOOKADS     YESNO.
LOOKEMPL    YESNO.
LOOKFRND    YESNO.
LOOKNOTH    YESNO.
```

```
LOOKOTHR    YESNO.
LOOKPRIV    YESNO.
LOOKPUBL    YESNO.
LOOKWORK    YESNO.
MAILTV1     MAILTV.
MAILTV2     MAILTV.
MAILTV3     MAILTV.
MAILTV4     MAILTV.
MAINACTY    MAINACTY.
MAINRSLT    $SURVR.
MARISTAF    YES.
MARISTAT    MARISTAT.
MILFLG      YESNO.
NUMPERSF    YES.
OBTAIN1     OBTAIN.
OBTAIN2     OBTAIN.
OBTAIN3     OBTAIN.
OBTAIN4     OBTAIN.
OTBASIC     YESNO.
OTCLASS     YESNO.
OTCLASS     DYESNO.
OTCOMP      YESNO.
OTCORRS     YESNO.
OTENGL      YESNO.
OTGED       YESNO.
OTGROUP     YESNO.
OTNONCR     YESNO.
OTOTHER     YESNO.
OTPRIV      YESNO.
OWNHOME     OWNHOME.
OWNHOMEF    YES.
PAIDBUS1    YESNO.
PAIDBUS2    YESNO.
PAIDBUS3    YESNO.
PAIDBUS4    YESNO.
PAIDEMP1    YESNO.
PAIDEMP2    YESNO.
PAIDEMP3    YESNO.
PAIDEMP4    YESNO.
PAIDFAM1    YESNO.
PAIDFAM2    YESNO.
PAIDFAM3    YESNO.
PAIDFAM4    YESNO.
PAIDFED1    YESNO.
PAIDFED2    YESNO.
PAIDFED3    YESNO.
PAIDFED4    YESNO.
PAIDFRE1    PAIDFREE.
PAIDFRE2    PAIDFREE.
PAIDFRE3    PAIDFREE.
PAIDFRE4    PAIDFREE.
PAIDOTH1    YESNO.
PAIDOTH2    YESNO.
PAIDOTH3    YESNO.
PAIDOTH4    YESNO.
PAIDPRI1    YESNO.
PAIDPRI2    YESNO.
PAIDPRI3    YESNO.
PAIDPRI4    YESNO.
PAIDSTA1    YESNO.
PAIDSTA2    YESNO.
PAIDSTA3    YESNO.
PAIDSTA4    YESNO.
PAIDUNI1    YESNO.
PAIDUNI2    YESNO.
PAIDUNI3    YESNO.
PAIDUNI4    YESNO.
PREVBUSY    YESNO.
```

```
PREVCHIL    YESNO.
PREVCOST    YESNO.
PREVDSIR    YESNO.
PREVFAM     YESNO.
PREVINFO    YESNO.
PREVINT     YESNO.
PREVJOB     YESNO.
PREVLOCA    YESNO.
PREVMOTV    YESNO.
PREVOLD     YESNO.
PREVOTHR    YESNO.
PREVSICK    YESNO.
PREVTIME    YESNO.
PREVTIRD    YESNO.
PREVTRAN    YESNO.
PTDEGREE    PTDEGREE.
PTENROLL    YESNO.
RACEETHN    RACEETHN.
RACEVER     RACE.
RACEVERF    YES.
REGION      REGIONED.
REQUIRE1    YESNO.
REQUIRE2    YESNO.
REQUIRE3    YESNO.
REQUIRE4    YESNO.
SALARYF     YES.
SCHOOLNG    SCHOOLNG.
SEXVER      SEXVER.
SIC         $SIC.
SICF        YES.
SOC         $SOC.
SOCF        YES.
SPONTYP1    SPONTYPE.
SPONTYP2    SPONTYPE.
SPONTYP3    SPONTYPE.
SPONTYP4    SPONTYPE.
TAKEREA1    TAKEREAS.
TAKEREA2    TAKEREAS.
TAKEREA3    TAKEREAS.
TAKEREA4    TAKEREAS.
TAKING1     TAKING.
TAKING2     TAKING.
TAKING3     TAKING.
TAKING4     TAKING.
TIMEOFF1    YESNO.
TIMEOFF2    YESNO.
TIMEOFF3    YESNO.
TIMEOFF4    YESNO.
TRNCS1      YESNO.
TRNCS2      YESNO.
TRNCS3      YESNO.
TRNCS4      YESNO.
TRNEMPL1    YESNO.
TRNEMPL2    YESNO.
TRNEMPL3    YESNO.
TRNEMPL4    YESNO.
TRNHLTH1    YESNO.
TRNHLTH2    YESNO.
TRNHLTH3    YESNO.
TRNHLTH4    YESNO.
TRNMGMT1    YESNO.
TRNMGMT2    YESNO.
TRNMGMT3    YESNO.
TRNMGMT4    YESNO.
TRNOTHE1    YESNO.
TRNOTHE2    YESNO.
TRNOTHE3    YESNO.
TRNOTHE4    YESNO.
```

```
    TRNPROF1    YESNO.
    TRNPROF2    YESNO.
    TRNPROF3    YESNO.
    TRNPROF4    YESNO.
    TRNQC1      YESNO.
    TRNQC2      YESNO.
    TRNQC3      YESNO.
    TRNQC4      YESNO.
    TRNSALE1    YESNO.
    TRNSALE2    YESNO.
    TRNSALE3    YESNO.
    TRNSALE4    YESNO.
    TRNSUPR1    YESNO.
    TRNSUPR2    YESNO.
    TRNSUPR3    YESNO.
    TRNSUPR4    YESNO.
    TRNTECH1    YESNO.
    TRNTECH2    YESNO.
    TRNTECH3    YESNO.
    TRNTECH4    YESNO.
    TUITONE1    YESNO.
    TUITONE2    YESNO.
    TUITONE3    YESNO.
    TUITONE4    YESNO.
    UNDER16     YESNO.
    UNDER16F    YES.
    URBAN       URBAN.
    VACATION    YESNO.
    WORKPAY     YESNO.
    WORKWEEK    WORKWEEK.

    AENUMCSE    AENUMCSE.
    AGE         AGE.
    CLASHRS1    CLASHRS.
    CLASHRS2    CLASHRS.
    CLASHRS3    CLASHRS.
    CLASHRS4    CLASHRS.
    CLASNUM1    CLASNUM.
    CLASNUM2    CLASNUM.
    CLASNUM3    CLASNUM.
    CLASNUM4    CLASNUM.
    CNUMWKS1    CNUMWKS.
    CNUMWKS2    CNUMWKS.
    CNUMWKS3    CNUMWKS.
    CNUMWKS4    CNUMWKS.
    FTNUM       FTNUM.
    LEAVEMM     MONTH1X.
    LEAVEYY     LEAVEYY.
    NUMPERS     NUMPERS.
    OTNUM       OTNUM.
    PTNUM       FTNUM.
    SALARY      SALARY.
    TUITION1    TUITION.
    TUITION2    TUITION.
    TUITION3    TUITION.
    TUITION4    TUITION.
    TUITNUM1    FTNUM.
    TUITNUM2    FTNUM.
    TUITNUM3    FTNUM.
    TUITNUM4    FTNUM.
    UNDER16N    UNDER16N.
    WORKHRS     HOURS.
    SAMPSTAT    SAMPSTAT
  ;
RUN;
```

COURSE FILE SAS CONTROL CARDS

```
//READFILE JOB (account info),'programmer name'
//        EXEC XSAS,REGION=4096K
//SASLIB  DD DSN=FORMAT.LIBRARY,DISP=SHR
//LIBRARY DD SPACE=(TRK,(50,50,60))
//WORK    DD UNIT=SYSDA,SPACE=(24322,(1850,1000),,,ROUND)
//IN1     DD DSN=COURSE.DATA,DISP=SHR,
//            UNIT=3400-6,VOL=SER=WV1919,LABEL=(2,SL),
//            DCB=(RECFM=FB,LRECL=780,BLKSIZE=11700)
//SYSIN   DD *

   ***************************************************************
   **                                                           **
   **  This is a SAS program which will read in the raw data   **
   **  file into a SAS data file.  The JCL is a generic one    **
   **  for an IBM SYSTEM/370.  Each IBM facility will have     **
   **  its own site specific commands and conventions.  These **
   **  conventions must be implemented by the programmer.      **
   **                                                           **
   ***************************************************************;

DATA COURSE;
 INFILE IN1 MISSOVER;
 INPUT
    @1      CLASID      $11.
    @12     PERSID       $9.
    @21     AGE           2.
    @23     INCOMRNG      2.
    @25     FTSCHOOL      2.
    @27     CURENROL      2.
    @29     OTNUM         2.
    @31     OTNAME      $40.
    @71     CRDEGREE      2.
    @73     TAKEREAS      2.
    @75     EMPLREAS      2.
    @77     TRNMGMT       2.
    @79     TRNSUPR       2.
    @81     TRNPROF       2.
    @83     TRNTECH       2.
    @85     TRNCS         2.
    @87     TRNHLTH       2.
    @89     TRNQC         2.
    @91     TRNSALES      2.
    @93     TRNEMPL       2.
    @95     TRNOTHER      2.
    @97     REQUIRE       2.
    @99     DEGREE        2.
    @101    LICENSE       2.
    @103    OBTAIN        2.
    @105    SPONTYPE      2.
    @107    EMPLPROV      2.
    @109    EMPLTIME      2.
    @111    EMPLONLY      2.
    @113    ATWORK        2.
    @115    EMPLREQ       2.
    @117    TIMEOFF       2.
    @119    CORRESPN      2.
    @121    MAILTV        2.
    @123    PAIDFAM       2.
    @125    PAIDFED       2.
    @127    PAIDSTAT      2.
    @129    PAIDBUSI      2.
    @131    PAIDPRIV      2.
    @133    PAIDOTHR      2.
    @135    PAIDFREE      2.
    @137    PAIDUNIV      2.
    @139    PAIDEMPL      2.
    @141    TUITION     8.2
    @149    TUITONE       2.
```

```
@151   TUITNUM        2.
@153   CLASNUM        2.
@155   CLASUNIT       2.
@157   CLASHRS        2.
@159   COMPLETE       2.
@161   TAKING         2.
@163   RACEVER        2.
@165   HISPVER        2.
@167   SEXVER         2.
@169   MARISTAT       2.
@171   UNDER16        2.
@173   HIGHGRAD       2.
@175   HSDIPLMA       2.
@177   CENSUSDV       2.
@179   CENSUSRG       2.
@181   MILFLG         2.
@183   PSU           $2.
@185   REGION         2.
@187   SAMPSTAT       2.
@189   SIC           $4.
@193   SOC           $4.
@197   URBAN          2.
@199   VSTRAT        $2.
@201   AEBASLIT       2.
@203   AEDEGREQ       2.
@205   AEEMPREA       2.
@207   AEEMPREQ       2.
@209   AEESL          2.
@211   AELABOR        2.
@213   AELICNS        2.
@215   AENUMCSE       2.
@217   AETRAIN        2.
@219   CEMPREAS       2.
@221   CNUMWKS        3.
@224   CREQUIRE       2.
@226   CTRAIN         2.
@228   FTBASESL       2.
@230   FTDEGREE       2.
@232   FTNONDEG       2.
@234   HIDEGREE       2.
@236   INCLEVEL       2.
@238   RACEETHN       2.
@240   SALARY         5.
@245   SCHOOLNG       2.
@247   AELABF         2.
@249   AGEF           2.
@251   HIGHGRAF       2.
@253   HISPVERF       2.
@255   HSDIPLMF       2.
@257   INCOMRNF       2.
@259   MARISTAF       2.
@261   RACEVERF       2.
@263   SALARYF        2.
@265   SICF           2.
@267   SOCF           2.
@269   UNDER16F       2.
@271   AEWT          10.3
@281   AEREPL1       10.3
@291   AEREPL2       10.3
@301   AEREPL3       10.3
@311   AEREPL4       10.3
@321   AEREPL5       10.3
@331   AEREPL6       10.3
@341   AEREPL7       10.3
@351   AEREPL8       10.3
@361   AEREPL9       10.3
@371   AEREPL10      10.3
@381   AEREPL11      10.3
```

```
    @391    AEREPL12       10.3
    @401    AEREPL13       10.3
    @411    AEREPL14       10.3
    @421    AEREPL15       10.3
    @431    AEREPL16       10.3
    @441    AEREPL17       10.3
    @451    AEREPL18       10.3
    @461    AEREPL19       10.3
    @471    AEREPL20       10.3
    @481    AEREPL21       10.3
    @491    AEREPL22       10.3
    @501    AEREPL23       10.3
    @511    AEREPL24       10.3
    @521    AEREPL25       10.3
    @531    AEREPL26       10.3
    @541    AEREPL27       10.3
    @551    AEREPL28       10.3
    @561    AEREPL29       10.3
    @571    AEREPL30       10.3
    @581    AEREPL31       10.3
    @591    AEREPL32       10.3
    @601    AEREPL33       10.3
    @611    AEREPL34       10.3
    @621    AEREPL35       10.3
    @631    AEREPL36       10.3
    @641    AEREPL37       10.3
    @651    AEREPL38       10.3
    @661    AEREPL39       10.3
    @671    AEREPL40       10.3
    @681    AEREPL41       10.3
    @691    AEREPL42       10.3
    @701    AEREPL43       10.3
    @711    AEREPL44       10.3
    @721    AEREPL45       10.3
    @731    AEREPL46       10.3
    @741    AEREPL47       10.3
    @751    AEREPL48       10.3
    @761    AEREPL49       10.3
    @771    AEREPL50       10.3
;

LABEL
     CLASID    = 'CLAS KEY = ADLTID || 2-DIGIT SEQUENTIAL#'
     PERSID    = 'PERS KEY = BASEID || 2-DIGIT PERSNUM    '
     AGE       = 'AGE AS OF JANUARY 1,1991                '
     INCOMRNG  = 'S22A TOTAL HOUSEHOLD INCOME - RANGE     '
     FTSCHOOL  = 'A1a FT ELEMENTARY OR HIGH SCHOOL        '
     CURENROL  = 'A1B CURRENTLY ENROLLED AS FULL-TIME STDNT'
     OTNUM     = 'A9 # OTHER CLASSES TAKEN DURING PAST 12 '
     OTNAME    = 'A10 MOST RECENT AE CLAS(FR ADLT.OTNAME#)'
     CRDEGREE  = 'A11 CLASSES FOR CREDIT TOWARD DEGREE    '
     TAKEREAS  = 'A13 MAIN REASON FOR TAKING A10 CLASS    '
     EMPLREAS  = 'A14 CAREER REASONS FOR TAKING A10 CLASS '
     TRNMGMT   = 'A17A EXECUTIVE MGMT DEVELOPMENT TRAINING'
     TRNSUPR   = 'A17B SUPERVISORY TRAINING               '
     TRNPROF   = 'A17C PROFESSIONAL DEVELOPMENT TRAINING  '
     TRNTECH   = 'A17D TECHNICAL/SKILLED WORKER TRAINING  '
     TRNCS     = 'A17E WORD PROCESSING/COMPUTER SOFTWARE  '
     TRNHLTH   = 'A17F JOB HEALTH AND SAFETY TRAINING     '
     TRNQC     = 'A17G QUALITY CONTROL/STATISTICAL PROCESS'
     TRNSALES  = 'A17H SALES AND MARKETING TRAINING       '
     TRNEMPL   = 'A17I NEW EMPLOYEE TRAINING              '
     TRNOTHER  = 'A17J SOME OTHER KIND OF TRAINING        '
     REQUIRE   = 'A18 TAKE A10 CLASS TO MEET REQUIREMENT  '
     DEGREE    = 'A19 A10 CLASS FULFILLS TYPE REQUIREMENT '
     LICENSE   = 'A20 A10 CLASS TO OBTAIN/RENEW LICENSE   '
     OBTAIN    = 'A20OV OBTAIN OR RENEW LICENSE/CERTIFICAT'
     SPONTYPE  = 'A22 A10 CLASS SPONSORED BY TYPE ORG     '
```

```
EMPLPROV = 'A23 A10 CLASS SPONSOR IS EMPLOYER       '
EMPLTIME = 'A23A EMPLOYED AT TIME A10 CLASS TAKEN   '
EMPLONLY = 'A24 A10 CLASS PARTICIPATN-EMPLOYEES ONLY'
ATWORK   = 'A25 A10 CLASS GIVEN AT WORK             '
EMPLREQ  = 'A25A EMPLOYER REQUIRED A10 CLASS        '
TIMEOFF  = 'A26 GIVEN TIME OFF TO TAKE A10 CLASS    '
CORRESPN = 'A27 A10 CLASS A CORRESPONDENCE COURSE   '
MAILTV   = 'A28 A10 CORR COURSE - TYPE INSTRUCTION  '
PAIDFAM  = 'A29A YOU OR FAMILY PAID                 '
PAIDFED  = 'A29B FEDERAL GOVERNMENT PAID            '
PAIDSTAT = 'A29C STATE/COUNTY/LOCAL GOVERNMENT PAID '
PAIDBUSI = 'A29D BUSINESS OR INDUSTRY PAID          '
PAIDPRIV = 'A29E PRIVATE ORGANIZATION PAID          '
PAIDOTHR = 'A29F SOMEONE ELSE PAID                  '
PAIDFREE = 'A29G THERE WAS NO CHARGE                '
PAIDUNIV = 'A29H POST-SEC INST PAID-RECODE          '
PAIDEMPL = 'A30 EMPLOYER WAS SOURCE OF PAYMENT      '
TUITION  = 'A31 AMOUNT PAID FOR TUITION & FEES A10  '
TUITONE  = 'A31A TUITION FOR MORE THAN ONCE COURSE? '
TUITNUM  = 'A31B NUMBER OF COURSES TUITION COVERS   '
CLASNUM  = 'A32 # WEEKS A10 CLASS SCHEDULED TO RUN  '
CLASUNIT = 'A32 UNITS A10 CLASS SCHEDULED TO RUN    '
CLASHRS  = 'A33 # HOURS PER WEEK A10 CLASS SCHEDULED'
COMPLETE = 'A34 COMPLETED A10 CLASS                 '
TAKING   = 'A34A STILL TAKING COURSE OR DROPPED COUR'
RACEVER  = 'A42A RACE VERIFICATION                  '
HISPVER  = 'A42A1 RESPONDENT OF HISPANIC ORIGIN     '
SEXVER   = 'A42B S10E GENDER VERIFICATION           '
MARISTAT = 'A44 CURRENTLY MARRIED                   '
UNDER16  = 'A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU   '
HIGHGRAD = 'A59 HIGHEST GRADE COMPLETED             '
HSDIPLMA = 'A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV'
CENSUSDV = 'CENSUS DIVISION                         '
CENSUSRG = 'CENSUS REGION                           '
MILFLG   = 'MILITARY FLAG                           '
PSU      = 'FOR TAYLOR SERIES VARIANCE              '
REGION   = 'DEPARTMENT OF EDUCATION REGION          '
SAMPSTAT = 'PARTICIPATION STATUS AT SAMPLING        '
SIC      = 'INDUSTRY CODE                           '
SOC      = 'OCCUPATION CODE                         '
URBAN    = 'URBANICITY                              '
VSTRAT   = 'FOR TAYLOR SERIES VARIANCE              '
AEBASLIT = 'D-ADULT EDUCATION TO IMPROVE SKILLS     '
AEDEGREQ = 'D-ADULT EDUCATION REQUIRED F/DEGREE     '
AEEMPREA = 'D-ADULT EDUCATION F/JOB-RELATED REASON  '
AEEMPREQ = 'D-ADULT EDUCATION REQUIRED BY EMPLOYER  '
AEESL    = 'D-ADULT EDUCATION F/ENGLISH AS 2ND LANG '
AELABOR  = 'D-LABOR FORCE STATUS                    '
AELICNS  = 'D-ADULT EDUCATION F/LICENSE/CERTIFICATE '
AENUMCSE = 'D-TOTAL # AE COURSES TAKEN IN PAST 12M  '
AETRAIN  = 'D-ADULT EDUCATION W/TRAINING COMPONENT  '
CEMPREAS = 'D-JOB RELATED REASON FOR TAKING COURSE  '
CNUMWKS  = 'D-NUMBER OF WEEKS SCHEDULED TO RUN      '
CREQUIRE = 'D-REQRD FOR CERTIF OF COMPLETION/DIPLOMA'
CTRAIN   = 'D-ANY TRAINING COMPONENT IN COURSE      '
FTBASESL = 'D-F/T BASIC SKILLS/ESL COURSE           '
FTDEGREE = 'D-FULLTIME ASSOC/BACH DEGREE PROGRAM    '
FTNONDEG = 'D-F/T NONDEG PGM                        '
HIDEGREE = 'D-HIGHEST DEGREE ATTAINED               '
INCLEVEL = 'D-LEVEL OF INCOME                       '
RACEETHN = 'D-RACE-ETHNICITY                        '
SALARY   = 'D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB'
SCHOOLNG = 'D-YEARS OF SCHOOL COMPLETED             '
AELABF   = 'IMPUTATION FLAG FOR LABOR FORCE STATUS  '
AGEF     = 'IMPUTATION FLAG FOR AGE                 '
HIGHGRAF = 'IMPUTATION FLAG FOR HIGHGRAD            '
HISPVERF = 'IMPUTATION FLAG FOR HISPVER             '
HSDIPLMF = 'IMPUTATION FLAG FOR HSDIPLMA            '
```

```
     INCOMRNF  = 'INCOMRNG IMPUTED FLAG                   '
     MARISTAF  = 'IMPUTATION FLAG FOR MARISTAT            '
     RACEVERF  = 'IMPUTATION FLAG FOR RACEVER             '
     SALARYF   = 'IMPUTATION FLAG FOR SALARY              '
     SICF      = 'IMPUTATION FLAG FOR SIC                 '
     SOCF      = 'IMPUTATION FLAG FOR SOC                 '
     UNDER16F  = 'IMPUTATION FLAG FOR UNDER16             '
     AEWT      = 'FINAL ADULT WEIGHT                      '
     AEREPL1   = 'REPLICATE WEIGHT                        '
     AEREPL2   = 'REPLICATE WEIGHT                        '
     AEREPL3   = 'REPLICATE WEIGHT                        '
     AEREPL4   = 'REPLICATE WEIGHT                        '
     AEREPL5   = 'REPLICATE WEIGHT                        '
     AEREPL6   = 'REPLICATE WEIGHT                        '
     AEREPL7   = 'REPLICATE WEIGHT                        '
     AEREPL8   = 'REPLICATE WEIGHT                        '
     AEREPL9   = 'REPLICATE WEIGHT                        '
     AEREPL10  = 'REPLICATE WEIGHT                        '
     AEREPL11  = 'REPLICATE WEIGHT                        '
     AEREPL12  = 'REPLICATE WEIGHT                        '
     AEREPL13  = 'REPLICATE WEIGHT                        '
     AEREPL14  = 'REPLICATE WEIGHT                        '
     AEREPL15  = 'REPLICATE WEIGHT                        '
     AEREPL16  = 'REPLICATE WEIGHT                        '
     AEREPL17  = 'REPLICATE WEIGHT                        '
     AEREPL18  = 'REPLICATE WEIGHT                        '
     AEREPL19  = 'REPLICATE WEIGHT                        '
     AEREPL20  = 'REPLICATE WEIGHT                        '
     AEREPL21  = 'REPLICATE WEIGHT                        '
     AEREPL22  = 'REPLICATE WEIGHT                        '
     AEREPL23  = 'REPLICATE WEIGHT                        '
     AEREPL24  = 'REPLICATE WEIGHT                        '
     AEREPL25  = 'REPLICATE WEIGHT                        '
     AEREPL26  = 'REPLICATE WEIGHT                        '
     AEREPL27  = 'REPLICATE WEIGHT                        '
     AEREPL28  = 'REPLICATE WEIGHT                        '
     AEREPL29  = 'REPLICATE WEIGHT                        '
     AEREPL30  = 'REPLICATE WEIGHT                        '
     AEREPL31  = 'REPLICATE WEIGHT                        '
     AEREPL32  = 'REPLICATE WEIGHT                        '
     AEREPL33  = 'REPLICATE WEIGHT                        '
     AEREPL34  = 'REPLICATE WEIGHT                        '
     AEREPL35  = 'REPLICATE WEIGHT                        '
     AEREPL36  = 'REPLICATE WEIGHT                        '
     AEREPL37  = 'REPLICATE WEIGHT                        '
     AEREPL38  = 'REPLICATE WEIGHT                        '
     AEREPL39  = 'REPLICATE WEIGHT                        '
     AEREPL40  = 'REPLICATE WEIGHT                        '
     AEREPL41  = 'REPLICATE WEIGHT                        '
     AEREPL42  = 'REPLICATE WEIGHT                        '
     AEREPL43  = 'REPLICATE WEIGHT                        '
     AEREPL44  = 'REPLICATE WEIGHT                        '
     AEREPL45  = 'REPLICATE WEIGHT                        '
     AEREPL46  = 'REPLICATE WEIGHT                        '
     AEREPL47  = 'REPLICATE WEIGHT                        '
     AEREPL48  = 'REPLICATE WEIGHT                        '
     AEREPL49  = 'REPLICATE WEIGHT                        '
     AEREPL50  = 'REPLICATE WEIGHT                        '
  ;
RUN;


PROC FORMAT;
   VALUE AGE
       -1 = 'INAPPLICABLE'
       -7 = 'REFUSED'
       -8 = 'DK'
       -9 = 'NOT ASCERTAINED'
     16 - 80 = 'ADULT''S AGE'
     2 - 9 = 'CHILD''S AGE';
 VALUE YES
     -1 = 'INAPPLICABLE'
     1 = 'IMPUTED VALUE';
 VALUE YESNO
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'YES'
     2 = 'NO';
 VALUE CENSUSDV
     -1 = 'INAPPLICABLE'
     1 = 'NEW ENGLAND'
     2 = 'MIDDLE ATLANTIC'
     3 = 'EAST NORTH CENTRAL'
     4 = 'WEST NORTH CENTRAL'
     5 = 'SOUTH ATLANTIC'
     6 = 'EAST SOUTH CENTRAL'
     7 = 'WEST SOUTH CENTRAL'
     8 = 'MOUNTAIN'
     9 = 'PACIFIC';
 VALUE CENSUSRG
     -1 = 'INAPPLICABLE'
     1 = 'NORTHEAST'
     2 = 'MIDWEST'
     3 = 'SOUTH'
     4 = 'WEST';
 VALUE CLASHRS
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 - 84 = 'HOURS PER WEEK';
 VALUE CLASNUM
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 - 60 = 'NUMBER OF UNITS SCHEDULED TO RUN';
 VALUE UNITS
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     1 = 'WEEKS'
     2 = 'MONTHS'
     3 = 'SEMESTERS'
     4 = 'QUARTERS'
     5 = 'YEARS';
 VALUE DEGREE
     -1 = 'INAPPLICABLE'
     -7 = 'REFUSED'
     -8 = 'DK'
     -9 = 'NOT ASCERTAINED'
     0 = 'INELIGIBLE TYPE REPORTED'
     1 = '8TH GRADE CERTIFICATE OF COMPLETION'
     2 = 'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
     3 = 'VOCATIONAL DIPLOMA OR CERTIFICATE'
     4 = '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
     5 = '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
     6 = 'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
     7 = 'COLLEGE CERTIFICATE'
     8 = 'LICENSE'
     91 = 'OTHER (SPECIFY)';
 VALUE INCOMRNG
     -1 = 'INAPPLICABLE'
```

```
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    0 = 'BLANKS ALLOWED'
    1 = '$5,000 OR LESS'
    10 = 'OVER $75,000'
    2 = '$5,001 TO $10,000'
    3 = '$10,001 TO $15,000'
    4 = '$15,001 TO $20,000'
    5 = '$20,001 TO $25,000'
    6 = '$25,001 TO $30,000'
    7 = '$30,001 TO $40,000'
    8 = '$40,001 TO $50,000'
    9 = '$50,001 TO $75,000';
VALUE MAILTV
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'THROUGH THE MAIL'
    2 = 'BY TELEVISION OR RADIO';
VALUE OBTAIN
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'OBTAIN LICENSE OR CERTIFICATION'
    2 = 'RENEW LICENSE OR CERTIFICATION';
VALUE OTNUM
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    0 - 40 = 'NUMBER OF OTHER COURSES';
VALUE PAIDFREE
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'NO CHARGE'
    2 = 'CHARGE';
VALUE REGIONED
    -1 = 'INAPPLICABLE'
    -9 = 'NOT ASCERTAINED'
    1 = 'NORTHEAST'
    2 = 'CENTRAL'
    3 = 'SOUTHEAST'
    4 = 'WEST';
VALUE SPONTYPE
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
    10 = 'PRIVATE COMMUNITY ORGANIZATION'
    2 = '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
    3 = '4-YR COLLEGE OR UNIVERSITY'
    4 = 'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
    5 = 'TUTOR OR PRIVATE INSTRUCTOR'
    6 = 'BUSINESS OR INDUSTRY'
    7 = 'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
    8 = 'LIBRARY'
    9 = 'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
    91 = 'SOMEONE ELSE';
VALUE TAKEREAS
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'PERSONAL, FAMILY, OR SOCIAL REASON'
    2 = 'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3 = 'TO TRAIN FOR A NEW JOB OR CAREER'
    4 = 'TO IMPROVE READING,WRITING,MATH SKILLS'
    5 = 'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91 = 'OTHER REASON';
VALUE TAKING
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'STILL TAKING COURSE'
    2 = 'DROPPED COURSE';
VALUE TUITION
    -1.00 = 'INAPPLICABLE'
    -7.00 = 'REFUSED'
    -8.00 = 'DK'
    -9.00 = 'NOT ASCERTAINED'
    0.50 - 10000.00 = 'TUITION AMOUNT';
VALUE FTNUM
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    2 - 27 = 'NUMBER OF CLASSES';
VALUE URBAN
    -1 = 'INAPPLICABLE'
    -9 = 'NOT ASCERTAINED'
    0 = 'NON'
    1 = 'MSA'
    2 = 'NECMA';
VALUE HIGHGRAD
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'UP TO EIGHTH GRADE'
    2 = 'NINTH TO ELEVENTH GRADE'
    3 = 'HIGH SCHOOL DIPLOMA OR EQUIVALENT'
    4 = 'VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL'
    5 = '1-2 YEARS OF COLLEGE'
    6 = 'ASSOCIATE''S DEGREE'
    7 = '3-4 YEARS OF COLLEGE'
    8 = 'BACHELOR''S DEGREE'
    9 = 'GRADUATE OR PROFESSIONAL SCHOOL';
VALUE SEXVER
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'MALE'
    2 = 'FEMALE';
VALUE $SIC
    '-1' = 'INAPPLICABLE'
    '-7' = 'REFUSED'
    '-8' = 'UNKNOWN'
    '-9' = 'UNACCERTAINED'
    'A' = 'AGRICULTURE, FORESTRY, AND FISHING'
    'B' = 'MINING'
    'C' = 'CONSTRUCTION'
    'D' = 'MANUFACTURING'
    'D35' = 'INDUSTRIAL MACHINERY AND EQUIPMENT'
    'D36' = 'ELECTRONIC AND OTHER ELECTRIC EQUIPMENT'
    'D37' = 'TRANSPORTATION EQUIPMENT'
    'E' = 'TRANSPORTATION AND PUBLIC UTILITIES'
    'E41' = 'LOCAL AND INTERURBAN PASSENGER TRANSIT'
    'E42' = 'TRUCKING AND WAREHOUSING'
    'E43' = 'U.S. POSTAL SERVICE'
    'E48' = 'COMMUNICATIONS'
    'E49' = 'ELECTRIC, GAS, AND SANITARY SERVICES'
    'F' = 'WHOLESALE TRADE'
    'G' = 'RETAIL TRADE'
    'H' = 'FINANCE, INSURANCE, AND REAL ESTATE'
    'I' = 'SERVICES'
    'I737' = 'COMPUTER AND DATA PROCESSING'
    'I80' = 'HEALTH SERVICES'
    'I81' = 'LEGAL SERVICES'
    'I821' = 'ELEMENTARY AND SECONDARY SCHOOLS'
    'I822' = 'COLLEGES AND UNIVERSITIES'
    'I824' = 'VOCATIONAL SCHOOL'
    'I87' = 'ENGINEERING AND MANAGEMENT'
    'J' = 'PUBLIC ADMINISTRATION'
    'J914' = 'FEDERAL GOVERNMENT'
    'J915' = 'STATE OR LOCAL GOVERNMENT'
    'J971' = 'NATIONAL SECURITY'
    'K' = 'NONCLASSIFIABLE ESTABLISHMENTS';
VALUE $SOC
    '-1' = 'INAPPLICABLE'
    '-7' = 'REFUSED'
    '-8' = 'UNKNOWN'
    '-9' = 'UNACCERTAINED'
    'A' = 'EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIONS'
    'B' = 'ENGINEERS, SURVEYORS, AND ARCHITECTS'
    'C' = 'NATURAL SCIENTISTS, AND MATHEMATICIANS'
    'C171' = 'COMPUTER SCIENTISTS'
    'D19' = 'SOCIAL SCIENTISTS, AND URBAN PLANNERS'
    'D20' = 'SOCIAL,RECREATION,AND RELIGIOUS WORKERS'
    'D21' = 'LAWYERS AND JUDGES'
    'E22' = 'TEACHERS;COLL.,UNIV.,POSTSECONDARY INST.'
    'E23' = 'TEACHERS, EXCEPT POSTSECONDARY INST.'
    'E24' = 'VOCATIONAL AND EDUCATIONAL COUNSELORS'
    'E25' = 'LIBRARIANS, ARCHIVISTS, AND CURATORS'
    'F26' = 'PHYSICIANS AND DENTISTS'
    'F27' = 'VETERINARIANS'
    'F28' = 'OTHER HEALTH DIAG/TREATING PRACTITIONERS'
    'G29' = 'REGISTERED NURSES'
    'G30' = 'PHARM.,DIET.,THERAPISTS,PHYSICIAN''S ASST'
    'H' = 'WRITERS,ARTISTS,ENTERTAINERS, ATHLETES'
    'I' = 'HEALTH TECHNOLOGISTS AND TECHNICIANS'
    'J37' = 'ENGINEERING/TECHNOLOGISTS,TECHNICIANS'
    'J38' = 'SCIENCE TECHNOLOGISTS AND TECHNICIANS'
    'J39' = 'TECHNICIANS;EXCEPT HEALTH,ENG.,SCIENCE'
    'K' = 'MARKETING AND SALES OCCUPATIONS'
    'L' = 'ADMINISTRATIVE SUPPORT, INCL CLERICAL'
    'M' = 'SERVICE OCCUPATIONS'
    'N' = 'AGRICULTURE,FORESTRY,FISHING OCCUPATIONS'
    'O' = 'MECHANICS AND REPAIRERS'
    'O611' = 'VEHICLE,MOBILE EQUIP. MECHANICS/REPAIRER'
    'O615' = 'ELECTRIC,ELECTRONIC EQUIPMENT REPAIRERS'
    'P' = 'CONSTUCTION AND EXTRACTIVE OCCUPATIONS'
    'Q' = 'PRECISION PRODUCTION OCCUPATIONS'
    'R' = 'PRODUCTION WORKING OCCUPATIONS'
    'S' = 'TRANSPORTATION, MATERIAL MOVING'
    'S821' = 'MOTOR VEHICLE OPERATORS'
    'T' = 'HANDLERS,EQUIP. CLEANERS,HELPERS,LABORER'
    'U' = 'MILITARY OCCUPATIONS'
    'V' = 'MISCELLANEOUS OCCUPATIONS'
    'Y' = 'HOUSEWIFE'
    'Z' = 'UNEMPL,RETIRED,DISABLED,UNCLASSIFIABLE';
VALUE MARISTAT
    -1 = 'INAPPLICABLE'
    -7 = 'REFUSED'
    -8 = 'DK'
    -9 = 'NOT ASCERTAINED'
    1 = 'MARRIED'
```

```
       2 = 'SEPARATED'
       3 = 'DIVORCED'
       4 = 'WIDOWED';
   VALUE RACE
      -1 = 'INAPPLICABLE'
      -7 = 'REFUSED'
      -8 = 'DK'
      -9 = 'NOT ASCERTAINED'
       1 = 'WHITE'
       2 = 'BLACK'
       3 = 'NATIVE AMERICAN OR ALASKAN NATIVE'
       4 = 'ASIAN OR PACIFIC ISLANDER'
      91 = 'SOME OTHER RACE';
   VALUE $OTNAME
      ' '  = 'NA/MISSING'
      '-1' = 'INAPPLICABLE'
      '-7' = 'REFUSED'
      '-8' = 'DK'
      '-9' = 'NOT ASCERTAINED'
     OTHER = 'COURSE NAME';
   VALUE DYESNO
      . = 'NA/MISSING'
      0 = 'NO'
      1 = 'YES';
   VALUE DYES
      . = 'NA/MISSING'
     -1 = 'INAPPLICABLE'
      1 = 'IMPUTED VALUE';
   VALUE AEEVER
      . = 'NA/MISSING'
      0 = 'NEVER             '
      1 = 'PAST 12 MTHS      '
      2 = 'PAST 3Y N/PAST 12M'
      3 = 'BEFORE PAST 3YRS  ';
   VALUE AEEMPREQ
      . = 'NA/MISSING'
      0 =  'NO               '
      1 =  'YES              '
      2 =  'N/EMP WHEN TAKING';
   VALUE RACEETHN
      . = 'NA/MISSING'
      1 = 'WHITE, NON-HISPANIC'
      2 = 'BLACK, NON-HISPANIC'
      3 = 'HISPANIC           '
      4 = 'ALL OTHER RACES    ';
   VALUE HIDEGREE
      . = 'NA/MISSING'
      1 = 'LESS THAN H/S DIP'
      2 = 'H/S DIP/EQUIV    '
      3 = 'ASSOCIATE DEG    '
      4 = 'BACH DEG/HIGHER  ';
   VALUE INCLEVEL
      . = 'NA/MISSING'
      1 = '$10,000 OR LESS'
      2 = '$10,001-$15,000'
      3 = '$15,001-$20,000'
      4 = '$20,001-$25,000'
      5 = '$25,001-$30,000'
      6 = '$30,001-$40,000'
      7 = '$40,001-$50,000'
      8 = '$50,001-$75,000'
      9 = 'OVER $75,000   ';
   VALUE AELABOR
      . = 'NA/MISSING'
      1 = 'EMPLOYED          '
      2 = 'UNEMPLOYED        '
      3 = 'NOT IN LABOR FORCE';
   VALUE SCHOOLNG
```

```
      . = 'NA/MISSING'
      1 = 'UP TO 8TH GRD  '
      2 = '9-11 GRADE     '
      3 = '12TH GRADE     '
      4 = 'VOC AFTER H/S  '
      5 = 'SOME COLLEGE   '
      6 = 'ASSOCIATE DEG  '
      7 = 'BACH DEG/HIGHER';
   VALUE SALARY
      . = 'NA/MISSING'
      1000-75000 = 'SALARY';
   VALUE AENUMCSE
      . = 'NA/MISSING'
      0-40 = 'COURSES TAKEN';
   VALUE CNUMWKS
      . = 'NA/MISSING'
      1-624 = 'WEEKS SCHEDULED';
   VALUE SAMPSTAT
      1 = 'NONPARTICIPANT'
      2 = 'FULL-TIME DEGREE SEEKING'
      3 = 'OTHER(PART-TIME);
RUN;

FORMAT
       AGE         AGE.
       AGEF        YES.
       ATWORK      YESNO.
       CENSUSDV    CENSUSDV.
       CENSUSRG    CENSUSRG.
       CLASHRS     CLASHRS.
       CLASNUM     CLASNUM.
       CLASUNIT    UNITS.
       COMPLETE    YESNO.
       CORRESPN    YESNO.
       CRDEGREE    YESNO.
       CURENROL    YESNO.
       DEGREE      DEGREE.
       EMPLONLY    YESNO.
       EMPLPROV    YESNO.
       EMPLREAS    YESNO.
       EMPLREQ     YESNO.
       EMPLTIME    YESNO.
       FTSCHOOL    YESNO.
       HIGHGRAD    HIGHGRAD.
       HIGHGRAF    YES.
       HISPVER     YESNO.
       HISPVERF    YES.
       HSDIPLMA    YESNO.
       HSDIPLMF    YES.
       INCOMRNF    YES.
       INCOMRNG    INCOMRNG.
       LICENSE     YESNO.
       MAILTV      MAILTV.
       MARISTAF    YES.
       MARISTAT    MARISTAT.
       MILFLG      YES.
       OBTAIN      OBTAIN.
       OTNUM       OTNUM.
       PAIDBUSI    YESNO.
       PAIDEMPL    YESNO.
       PAIDFAM     YESNO.
       PAIDFED     YESNO.
       PAIDFREE    PAIDFREE.
       PAIDOTHR    YESNO.
       PAIDPRIV    YESNO.
       PAIDSTAT    YESNO.
       PAIDUNIV    YESNO.
       RACEVER     RACE.
```

```
          RACEVERF    YES.
          REGION      REGIONED.
          REQUIRE     YESNO.
          SEXVER      SEXVER.
          SIC         $SIC.
          SICF        YES.
          SOC         $SOC.
          SOCF        YES.
          SPONTYPE    SPONTYPE.
          TAKEREAS    TAKEREAS.
          TAKING      TAKING.
          TIMEOFF     YESNO.
          TRNCS       YESNO.
          TRNEMPL     YESNO.
          TRNHLTH     YESNO.
          TRNMGMT     YESNO.
          TRNOTHER    YESNO.
          TRNPROF     YESNO.
          TRNQC       YESNO.
          TRNSALES    YESNO.
          TRNSUPR     YESNO.
          TRNTECH     YESNO.
          TUITION     TUITION.
          TUITNUM     FTNUM.
          TUITONE     YESNO.
          UNDER16     YESNO.
          UNDER16F    YES.
          URBAN       URBAN.
          AEBASLIT    DYESNO.
          AEDEGREQ    DYESNO.
          AEEMPREA    DYESNO.
          AEEMPREQ    AEEMPREQ.
          AEESL       DYESNO.
          AELABOR     AELABOR.
          AELICNS     DYESNO.
          AETRAIN     DYESNO.
          CEMPREAS    DYESNO.
          CREQUIRE    DYESNO.
          CTRAIN      DYESNO.
          FTBASESL    DYESNO.
          FTDEGREE    DYESNO.
          FTNONDEG    DYESNO.
          HIDEGREE    HIDEGREE.
          INCLEVEL    INCLEVEL.
          RACEETHN    RACEETHN.
          SCHOOLNG    SCHOOLNG.
          AELABF      DYES.
          SALARYF     DYES.
          SALARY      SALARY.
          AENUMCSE    AENUMCSE.
          CNUMWKS     CNUMWKS.
          OTNAME      $OTNAME.
          SAMPSTAT    SAMPSTAT.
  ;
RUN;
```

ADULT FILE SPSS-X CONTROL CARDS

```
//READFILE JOB (account info),'programmer name'
//        EXEC XSPSS,REGION=4096K
//LIBRARY DD SPACE=(TRK,(50,50,60))
//WORK    DD UNIT=SYSDA,SPACE=(24322,(1850,1000),,,ROUND)
//IN1     DD DSN=ADULT.DATA,DISP=SHR,
//           UNIT=3400-6,VOL=SER=WV1919,LABEL=(1,SL),
//           DCB=(RECFM=FB,LRECL=1345,BLKSIZE=13450)
//SYSIN   DD *

   *************************************************************
   **                                                         **
   **  This is a SPSS program which will read in the raw data **
   **  file into a SPSS data file.  The JCL is a generic one  **
   **  for an IBM SYSTEM/370.  Each IBM facility will have    **
   **  its own site specific commands and conventions.  These **
   **  conventions must be implemented by the programmer.     **
   **                                                         **
   *************************************************************;

DATA LIST FILE=IN1 FIXED /
 PERSID       1-9 (A)
 AGE          10-11
 LIVENOW      12-13
 NUMPERS      14-15
 HOMETYPE     16-17
 OWNHOME      18-19
 INCOMRNG     20-21
 FTANY        22-23
 FTSCHOOL     24-25
 FTASSOC      26-27
 FTBACHLR     28-29
 FTVOCA       30-31
 FTBASIC      32-33
 FTENGLSH     34-35
 FTOTHER      36-37
 FTGED        38-39
 FTCERT       40-41
 CURENROL     42-43
 FTNUM        44-45
 PTENROLL     46-47
 PTDEGREE     48-49
 PTNUM        50-51
 OTNONCR      52-53
 OTCORRS      54-55
 OTPRIV       56-57
 OTGROUP      58-59
 OTBASIC      60-61
 OTENGL       62-63
 OTOTHER      64-65
 OTGED        66-67
 OTCOMP       68-69
 OTCLASS      70-71
 OTNUM        72-73
 OTNAME1      74-113 (A)
 OTNAME2      114-153 (A)
 OTNAME3      154-193 (A)
 OTNAME4      194-233 (A)
 CRDEGREE     234-235
 TAKEREA1     236-237
 TAKEREA2     238-239
 TAKEREA3     240-241
 TAKEREA4     242-243
 EMPLREA1     244-245
 EMPLREA2     246-247
 EMPLREA3     248-249
 EMPLREA4     250-251
 TRNMGMT1     252-253
 TRNMGMT2     254-255
```

TRNMGMT3	256-257
TRNMGMT4	258-259
TRNSUPR1	260-261
TRNSUPR2	262-263
TRNSUPR3	264-265
TRNSUPR4	266-267
TRNPROF1	268-269
TRNPROF2	270-271
TRNPROF3	272-273
TRNPROF4	274-275
TRNTECH1	276-277
TRNTECH2	278-279
TRNTECH3	280-281
TRNTECH4	282-283
TRNCS1	284-285
TRNCS2	286-287
TRNCS3	288-289
TRNCS4	290-291
TRNHLTH1	292-293
TRNHLTH2	294-295
TRNHLTH3	296-297
TRNHLTH4	298-299
TRNQC1	300-301
TRNQC2	302-303
TRNQC3	304-305
TRNQC4	306-307
TRNSALE1	308-309
TRNSALE2	310-311
TRNSALE3	312-313
TRNSALE4	314-315
TRNEMPL1	316-317
TRNEMPL2	318-319
TRNEMPL3	320-321
TRNEMPL4	322-323
TRNOTHE1	324-325
TRNOTHE2	326-327
TRNOTHE3	328-329
TRNOTHE4	330-331
REQUIRE1	332-333
REQUIRE2	334-335
REQUIRE3	336-337
REQUIRE4	338-339
DEGREE1	340-341
DEGREE2	342-343
DEGREE3	344-345
DEGREE4	346-347
LICENSE1	348-349
LICENSE2	350-351
LICENSE3	352-353
LICENSE4	354-355
OBTAIN1	356-357
OBTAIN2	358-359
OBTAIN3	360-361
OBTAIN4	362-363
SPONTYP1	364-365
SPONTYP2	366-367
SPONTYP3	368-369
SPONTYP4	370-371
EMPLPRO1	372-373
EMPLPRO2	374-375
EMPLPRO3	376-377
EMPLPRO4	378-379
EMPLTIM1	380-381
EMPLTIM2	382-383
EMPLTIM3	384-385
EMPLTIM4	386-387
EMPLONL1	388-389
EMPLONL2	390-391

EMPLONL3	392-393
EMPLONL4	394-395
ATWORK1	396-397
ATWORK2	398-399
ATWORK3	400-401
ATWORK4	402-403
EMPLREQ1	404-405
EMPLREQ2	406-407
EMPLREQ3	408-409
EMPLREQ4	410-411
TIMEOFF1	412-413
TIMEOFF2	414-415
TIMEOFF3	416-417
TIMEOFF4	418-419
CORRESP1	420-421
CORRESP2	422-423
CORRESP3	424-425
CORRESP4	426-427
MAILTV1	428-429
MAILTV2	430-431
MAILTV3	432-433
MAILTV4	434-435
PAIDFAM1	436-437
PAIDFAM2	438-439
PAIDFAM3	440-441
PAIDFAM4	442-443
PAIDFED1	444-445
PAIDFED2	446-447
PAIDFED3	448-449
PAIDFED4	450-451
PAIDSTA1	452-453
PAIDSTA2	454-455
PAIDSTA3	456-457
PAIDSTA4	458-459
PAIDBUS1	460-461
PAIDBUS2	462-463
PAIDBUS3	464-465
PAIDBUS4	466-467
PAIDPRI1	468-469
PAIDPRI2	470-471
PAIDPRI3	472-473
PAIDPRI4	474-475
PAIDOTH1	476-477
PAIDOTH2	478-479
PAIDOTH3	480-481
PAIDOTH4	482-483
PAIDFRE1	484-485
PAIDFRE2	486-487
PAIDFRE3	488-489
PAIDFRE4	490-491
PAIDUNI1	492-493
PAIDUNI2	494-495
PAIDUNI3	496-497
PAIDUNI4	498-499
PAIDEMP1	500-501
PAIDEMP2	502-503
PAIDEMP3	504-505
PAIDEMP4	506-507
TUITION1	508-515
TUITION2	516-523
TUITION3	524-531
TUITION4	532-539
TUITONE1	540-541
TUITONE2	542-543
TUITONE3	544-545
TUITONE4	546-547
TUITNUM1	548-549
TUITNUM2	550-551

TUITNUM3	552-553
TUITNUM4	554-555
CLASNUM1	556-557
CLASNUM2	558-559
CLASNUM3	560-561
CLASNUM4	562-563
CLASUNI1	564-565
CLASUNI2	566-567
CLASUNI3	568-569
CLASUNI4	570-571
CLASHRS1	572-573
CLASHRS2	574-575
CLASHRS3	576-577
CLASHRS4	578-579
COMPLET1	580-581
COMPLET2	582-583
COMPLET3	584-585
COMPLET4	586-587
TAKING1	588-589
TAKING2	590-591
TAKING3	592-593
TAKING4	594-595
BASIC	596-597
ENGLISH	598-599
CITIZEN	600-601
AECOURSE	602-603
AEPAST3	604-605
AEJOB	606-607
AEBASIC	608-609
AELICENS	610-611
PREVJOB	612-613
PREVTIME	614-615
PREVCOST	616-617
PREVLOCA	618-619
PREVTRAN	620-621
PREVCHIL	622-623
PREVFAM	624-625
PREVINFO	626-627
PREVINT	628-629
PREVOTHR	630-631
PREVOLD	632-633
PREVSICK	634-635
PREVDSIR	636-637
PREVMOTV	638-639
PREVTIRD	640-641
PREVBUSY	642-643
RACEVER	644-645
HISPVER	646-647
SEXVER	648-649
EVERMARI	650-651
MARISTAT	652-653
WORKPAY	654-655
WORKWEEK	656-657
VACATION	658-659
LEAVEMM	660-661
LEAVEYY	662-663
WORKHRS	664-666
LOOKWORK	667-668
LOOKPUBL	669-670
LOOKPRIV	671-672
LOOKEMPL	673-674
LOOKFRND	675-676
LOOKADS	677-678
LOOKNOTH	679-680
LOOKOTHR	681-682
LASTACTY	683-684
UNDER16	685-686
UNDER16N	687-688

HIGHGRAD	689-690	
HSDIPLMA	691-692	
MAINACTY	693-694	
LIBMO	695-696	
LIBYR	697-698	
CENSUSDV	699-700	
CENSUSRG	701-702	
MAINRSLT	703-704	(A)
MILFLG	705-706	
PSU	707-708	(A)
REGION	709-710	
SAMPSTAT	711-712	
SIC	713-716	(A)
SOC	717-720	(A)
URBAN	721-722	
VSTRAT	723-724	(A)
AEBASLIT	725-726	
AEDEGREQ	727-728	
AEEMPREA	729-730	
AEEMPREQ	731-732	
AEESL	733-734	
AEEVER	735-736	
AELABOR	737-738	
AELICNS	739-740	
AENUMCSE	741-742	
AEPARANY	743-744	
AEPARTIC	745-746	
AEPRTIME	747-748	
AETRAIN	749-750	
CEMPREA1	751-752	
CEMPREA2	753-754	
CEMPREA3	755-756	
CEMPREA4	757-758	
CNUMWKS1	759-761	
CNUMWKS2	762-764	
CNUMWKS3	765-767	
CNUMWKS4	768-770	
CREQUIR1	771-772	
CREQUIR2	773-774	
CREQUIR3	775-776	
CREQUIR4	777-778	
CTRAIN1	779-780	
CTRAIN2	781-782	
CTRAIN3	783-784	
CTRAIN4	785-786	
FTBASESL	787-788	
FTDEGREE	789-790	
FTNONDEG	791-792	
HIDEGREE	793-794	
INCLEVEL	795-796	
RACEETHN	797-798	
SALARY	799-803	
SCHOOLNG	804-805	
AELABF	806-807	
AGEF	808-809	
EVERMARF	810-811	
HIGHGRAF	812-813	
HISPVERF	814-815	
HSDIPLMF	816-817	
INCOMRNF	818-819	
MARISTAF	820-821	
NUMPERSF	822-823	
OWNHOMEF	824-825	
RACEVERF	826-827	
SALARYF	828-829	
SICF	830-831	
SOCF	832-833	
UNDER16F	834-835	

```
          AEWT        836-845
          AEREPL1     846-855
          AEREPL2     856-865
          AEREPL3     866-875
          AEREPL4     876-885
          AEREPL5     886-895
          AEREPL6     896-905
          AEREPL7     906-915
          AEREPL8     916-925
          AEREPL9     926-935
          AEREPL10    936-945
          AEREPL11    946-955
          AEREPL12    956-965
          AEREPL13    966-975
          AEREPL14    976-985
          AEREPL15    986-995
          AEREPL16    996-1005
          AEREPL17    1006-1015
          AEREPL18    1016-1025
          AEREPL19    1026-1035
          AEREPL20    1036-1045
          AEREPL21    1046-1055
          AEREPL22    1056-1065
          AEREPL23    1066-1075
          AEREPL24    1076-1085
          AEREPL25    1086-1095
          AEREPL26    1096-1105
          AEREPL27    1106-1115
          AEREPL28    1116-1125
          AEREPL29    1126-1135
          AEREPL30    1136-1145
          AEREPL31    1146-1155
          AEREPL32    1156-1165
          AEREPL33    1166-1175
          AEREPL34    1176-1185
          AEREPL35    1186-1195
          AEREPL36    1196-1205
          AEREPL37    1206-1215
          AEREPL38    1216-1225
          AEREPL39    1226-1235
          AEREPL40    1236-1245
          AEREPL41    1246-1255
          AEREPL42    1256-1265
          AEREPL43    1266-1275
          AEREPL44    1276-1285
          AEREPL45    1286-1295
          AEREPL46    1296-1305
          AEREPL47    1306-1315
          AEREPL48    1316-1325
          AEREPL49    1326-1335
          AEREPL50    1336-1345.

VARIABLE LABEL   PERSID     "PERS KEY = BASEID || 2-DIGIT PERSNUM    "
                 AGE        "AGE AS OF JANUARY 1,1991                "
                 LIVENOW    "S15 WHERE DOES PERSON LIVE NOW          "
                 NUMPERS    "S17 TOTAL NUMBER OF PEOPLE LIVING IN HH "
                 HOMETYPE   "S19 TYPE OF HOME                        "
                 OWNHOME    "S20 OWN HOME                            "
                 INCOMRNG   "S22A TOTAL HOUSEHOLD INCOME - RANGE     "
                 FTANY      "A1INTRO ENROLLED AS FT STUDENT PAST 12  "
                 FTSCHOOL   "A1a FT ELEMENTARY OR HIGH SCHOOL        "
                 FTASSOC    "A1B FT ASSOCIATE'S DEGREE PROGRAM       "
                 FTBACHLR   "A1C FT BACHELOR'S DEGREE PROGRAM ++     "
                 FTVOCA     "A1D FT VOCATIONAL/OCCUPATIONAL TRAINING "
                 FTBASIC    "A1E FT ADULT LITERACY/BASIC SKILLS PRGRM"
                 FTENGLSH   "A1F FT ENGLISH AS 2ND LANGUAGE PROGRAM  "
                 FTOTHER    "A1G FT SOME OTHER PROGRAM               "
```

```
FTGED      "A1H ENROLLED FT IN GED PROGRAM-RECODE   "
FTCERT     "A1I ENROLLED FT-PROF CERTIFICATE-RECODE "
CURENROL   "A1B CURRENTLY ENROLLED AS FULL-TIME STUD"
FTNUM      "A2 # CLASSES AS FT STUDENT PAST 12      "
PTENROLL   "A4 ENROLLED AS PT STUDENT PAST 12       "
PTDEGREE   "A5 SEEKING PART-TIME DEGREE             "
PTNUM      "A6 # PART-TIME CLASSES FOR CREDIT       "
OTNONCR    "A8A CONTINUING EDUCATION/NONCREDIT COURS"
OTCORRS    "A8B COURSES BY MAIL,TV,RADIO,NEWSPAPER  "
OTPRIV     "A8C PRIVATE INSTRUCTION OR TUTORING     "
OTGROUP    "A8D ED ACTIVITY BY EMPLOYER,COMMUNITY   "
OTBASIC    "A8E INSTRUCTION IN BASIC SKILLS         "
OTENGL     "A8F INSTRUCTION IN ENGLISH AS 2ND LANGUA"
OTOTHER    "A8G OTHER ORGANIZED ED ACTIVITY         "
OTGED      "A8H GED/HS COMPLETION-RECODE            "
OTCOMP     "A8I COMPUTERS-RECODE                    "
OTCLASS    "D-OTHER CLASSES TAKEN DURING PAST 12 MO "
OTNUM      "A9 # OTHER CLASSES TAKEN DURING PAST 12 "
OTNAME1    "A10 MOST RECENT AE CLASS 1              "
OTNAME2    "A10 MOST RECENT AE CLASS 2              "
OTNAME3    "A10 MOST RECENT AE CLASS 3              "
OTNAME4    "A10 MOST RECENT AE CLASS 4              "
CRDEGREE   "A11 CLASSES FOR CREDIT TOWARD DEGREE    "
TAKEREA1   "A13 MAIN REASON FOR TAKING A10 CL REC# 1"
TAKEREA2   "A13 MAIN REASON FOR TAKING A10 CL REC# 2"
TAKEREA3   "A13 MAIN REASON FOR TAKING A10 CL REC# 3"
TAKEREA4   "A13 MAIN REASON FOR TAKING A10 CL REC# 4"
EMPLREA1   "A14 CAREER REASONS FOR TAKING A10 REC# 1"
EMPLREA2   "A14 CAREER REASONS FOR TAKING A10 REC# 2"
EMPLREA3   "A14 CAREER REASONS FOR TAKING A10 REC# 3"
EMPLREA4   "A14 CAREER REASONS FOR TAKING A10 REC# 4"
TRNMGMT1   "A17A EXECUTIVE MGMT DEVELOPMENT T REC# 1"
TRNMGMT2   "A17A EXECUTIVE MGMT DEVELOPMENT T REC# 2"
TRNMGMT3   "A17A EXECUTIVE MGMT DEVELOPMENT T REC# 3"
TRNMGMT4   "A17A EXECUTIVE MGMT DEVELOPMENT T REC# 4"
TRNSUPR1   "A17B SUPERVISORY TRAINING         REC# 1"
TRNSUPR2   "A17B SUPERVISORY TRAINING         REC# 2"
TRNSUPR3   "A17B SUPERVISORY TRAINING         REC# 3"
TRNSUPR4   "A17B SUPERVISORY TRAINING         REC# 4"
TRNPROF1   "A17C PROFESSIONAL DEVELOPMENT TRA REC# 1"
TRNPROF2   "A17C PROFESSIONAL DEVELOPMENT TRA REC# 2"
TRNPROF3   "A17C PROFESSIONAL DEVELOPMENT TRA REC# 3"
TRNPROF4   "A17C PROFESSIONAL DEVELOPMENT TRA REC# 4"
TRNTECH1   "A17D TECHNICAL/SKILLED WORKER TRA REC# 1"
TRNTECH2   "A17D TECHNICAL/SKILLED WORKER TRA REC# 2"
TRNTECH3   "A17D TECHNICAL/SKILLED WORKER TRA REC# 3"
TRNTECH4   "A17D TECHNICAL/SKILLED WORKER TRA REC# 4"
TRNCS1     "A17E WORD PROCESSING/COMPUTER SOF REC# 1"
TRNCS2     "A17E WORD PROCESSING/COMPUTER SOF REC# 2"
TRNCS3     "A17E WORD PROCESSING/COMPUTER SOF REC# 3"
TRNCS4     "A17E WORD PROCESSING/COMPUTER SOF REC# 4"
TRNHLTH1   "A17F JOB HEALTH AND SAFETY TRAINI REC# 1"
TRNHLTH2   "A17F JOB HEALTH AND SAFETY TRAINI REC# 2"
TRNHLTH3   "A17F JOB HEALTH AND SAFETY TRAINI REC# 3"
TRNHLTH4   "A17F JOB HEALTH AND SAFETY TRAINI REC# 4"
TRNQC1     "A17G QUALITY CONTROL/STATISTICAL  REC# 1"
TRNQC2     "A17G QUALITY CONTROL/STATISTICAL  REC# 2"
TRNQC3     "A17G QUALITY CONTROL/STATISTICAL  REC# 3"
TRNQC4     "A17G QUALITY CONTROL/STATISTICAL  REC# 4"
TRNSALE1   "A17H SALES AND MARKETING TRAINING REC# 1"
TRNSALE2   "A17H SALES AND MARKETING TRAINING REC# 2"
TRNSALE3   "A17H SALES AND MARKETING TRAINING REC# 3"
TRNSALE4   "A17H SALES AND MARKETING TRAINING REC# 4"
TRNEMPL1   "A17I NEW EMPLOYEE TRAINING        REC# 1"
TRNEMPL2   "A17I NEW EMPLOYEE TRAINING        REC# 2"
TRNEMPL3   "A17I NEW EMPLOYEE TRAINING        REC# 3"
TRNEMPL4   "A17I NEW EMPLOYEE TRAINING        REC# 4"
TRNOTHE1   "A17J SOME OTHER KIND OF TRAINING  REC# 1"
```

```
TRNOTHE2   "A17J SOME OTHER KIND OF TRAINING  REC# 2"
TRNOTHE3   "A17J SOME OTHER KIND OF TRAINING  REC# 3"
TRNOTHE4   "A17J SOME OTHER KIND OF TRAINING  REC# 4"
REQUIRE1   "A18 TAKE A10 CLASS TO MEET REQUIR REC# 1"
REQUIRE2   "A18 TAKE A10 CLASS TO MEET REQUIR REC# 2"
REQUIRE3   "A18 TAKE A10 CLASS TO MEET REQUIR REC# 3"
REQUIRE4   "A18 TAKE A10 CLASS TO MEET REQUIR REC# 4"
DEGREE1    "A19 A10 CLASS FULFILLS TYPE REQUI REC# 1"
DEGREE2    "A19 A10 CLASS FULFILLS TYPE REQUI REC# 2"
DEGREE3    "A19 A10 CLASS FULFILLS TYPE REQUI REC# 3"
DEGREE4    "A19 A10 CLASS FULFILLS TYPE REQUI REC# 4"
LICENSE1   "A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 1"
LICENSE2   "A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 2"
LICENSE3   "A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 3"
LICENSE4   "A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 4"
OBTAIN1    "A20OV OBTAIN OR RENEW LICENSE/CER REC# 1"
OBTAIN2    "A20OV OBTAIN OR RENEW LICENSE/CER REC# 2"
OBTAIN3    "A20OV OBTAIN OR RENEW LICENSE/CER REC# 3"
OBTAIN4    "A20OV OBTAIN OR RENEW LICENSE/CER REC# 4"
SPONTYP1   "A22 A10 CLASS SPONSORED BY TYPE O REC# 1"
SPONTYP2   "A22 A10 CLASS SPONSORED BY TYPE O REC# 2"
SPONTYP3   "A22 A10 CLASS SPONSORED BY TYPE O REC# 3"
SPONTYP4   "A22 A10 CLASS SPONSORED BY TYPE O REC# 4"
EMPLPRO1   "A23 A10 CLASS SPONSOR IS EMPLOYER REC# 1"
EMPLPRO2   "A23 A10 CLASS SPONSOR IS EMPLOYER REC# 2"
EMPLPRO3   "A23 A10 CLASS SPONSOR IS EMPLOYER REC# 3"
EMPLPRO4   "A23 A10 CLASS SPONSOR IS EMPLOYER REC# 4"
EMPLTIM1   "A23A EMPLOYED AT TIME A10 CLASS T REC# 1"
EMPLTIM2   "A23A EMPLOYED AT TIME A10 CLASS T REC# 2"
EMPLTIM3   "A23A EMPLOYED AT TIME A10 CLASS T REC# 3"
EMPLTIM4   "A23A EMPLOYED AT TIME A10 CLASS T REC# 4"
EMPLONL1   "A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 1"
EMPLONL2   "A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 2"
EMPLONL3   "A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 3"
EMPLONL4   "A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 4"
ATWORK1    "A25 A10 CLASS GIVEN AT WORK       REC# 1"
ATWORK2    "A25 A10 CLASS GIVEN AT WORK       REC# 2"
ATWORK3    "A25 A10 CLASS GIVEN AT WORK       REC# 3"
ATWORK4    "A25 A10 CLASS GIVEN AT WORK       REC# 4"
EMPLREQ1   "A25A EMPLOYER REQUIRED A10 CLASS  REC# 1"
EMPLREQ2   "A25A EMPLOYER REQUIRED A10 CLASS  REC# 2"
EMPLREQ3   "A25A EMPLOYER REQUIRED A10 CLASS  REC# 3"
EMPLREQ4   "A25A EMPLOYER REQUIRED A10 CLASS  REC# 4"
TIMEOFF1   "A26 GIVEN TIME OFF TO TAKE A10 CL REC# 1"
TIMEOFF2   "A26 GIVEN TIME OFF TO TAKE A10 CL REC# 2"
TIMEOFF3   "A26 GIVEN TIME OFF TO TAKE A10 CL REC# 3"
TIMEOFF4   "A26 GIVEN TIME OFF TO TAKE A10 CL REC# 4"
CORRESP1   "A27 A10 CLASS A CORRESPONDENCE CO REC# 1"
CORRESP2   "A27 A10 CLASS A CORRESPONDENCE CO REC# 2"
CORRESP3   "A27 A10 CLASS A CORRESPONDENCE CO REC# 3"
CORRESP4   "A27 A10 CLASS A CORRESPONDENCE CO REC# 4"
MAILTV1    "A28 A10 CORR COURSE - TYPE INSTRU REC# 1"
MAILTV2    "A28 A10 CORR COURSE - TYPE INSTRU REC# 2"
MAILTV3    "A28 A10 CORR COURSE - TYPE INSTRU REC# 3"
MAILTV4    "A28 A10 CORR COURSE - TYPE INSTRU REC# 4"
PAIDFAM1   "A29A YOU OR FAMILY PAID           REC# 1"
PAIDFAM2   "A29A YOU OR FAMILY PAID           REC# 2"
PAIDFAM3   "A29A YOU OR FAMILY PAID           REC# 3"
PAIDFAM4   "A29A YOU OR FAMILY PAID           REC# 4"
PAIDFED1   "A29B FEDERAL GOVERNMENT PAID      REC# 1"
PAIDFED2   "A29B FEDERAL GOVERNMENT PAID      REC# 2"
PAIDFED3   "A29B FEDERAL GOVERNMENT PAID      REC# 3"
PAIDFED4   "A29B FEDERAL GOVERNMENT PAID      REC# 4"
PAIDSTA1   "A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 1"
PAIDSTA2   "A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 2"
PAIDSTA3   "A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 3"
PAIDSTA4   "A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 4"
PAIDBUS1   "A29D BUSINESS OR INDUSTRY PAID    REC# 1"
```

```
PAIDBUS2   "A29D BUSINESS OR INDUSTRY PAID     REC# 2"
PAIDBUS3   "A29D BUSINESS OR INDUSTRY PAID     REC# 3"
PAIDBUS4   "A29D BUSINESS OR INDUSTRY PAID     REC# 4"
PAIDPRI1   "A29E PRIVATE ORGANIZATION PAID     REC# 1"
PAIDPRI2   "A29E PRIVATE ORGANIZATION PAID     REC# 2"
PAIDPRI3   "A29E PRIVATE ORGANIZATION PAID     REC# 3"
PAIDPRI4   "A29E PRIVATE ORGANIZATION PAID     REC# 4"
PAIDOTH1   "A29F SOMEONE ELSE PAID             REC# 1"
PAIDOTH2   "A29F SOMEONE ELSE PAID             REC# 2"
PAIDOTH3   "A29F SOMEONE ELSE PAID             REC# 3"
PAIDOTH4   "A29F SOMEONE ELSE PAID             REC# 4"
PAIDFRE1   "A29G THERE WAS NO CHARGE           REC# 1"
PAIDFRE2   "A29G THERE WAS NO CHARGE           REC# 2"
PAIDFRE3   "A29G THERE WAS NO CHARGE           REC# 3"
PAIDFRE4   "A29G THERE WAS NO CHARGE           REC# 4"
PAIDUNI1   "A29H POST SEC INST PAID-RECODE REC #1    "
PAIDUNI2   "A29H POST SEC INST PAID-RECODE REC #2    "
PAIDUNI3   "A29H POST SEC INST PAID-RECODE REC #3    "
PAIDUNI4   "A29H POST SEC INST PAID-RECODE REC #4    "
PAIDEMP1   "A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 1"
PAIDEMP2   "A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 2"
PAIDEMP3   "A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 3"
PAIDEMP4   "A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 4"
TUITION1   "A31 AMOUNT PAID FOR TUITION & FEE REC# 1"
TUITION2   "A31 AMOUNT PAID FOR TUITION & FEE REC# 2"
TUITION3   "A31 AMOUNT PAID FOR TUITION & FEE REC# 3"
TUITION4   "A31 AMOUNT PAID FOR TUITION & FEE REC# 4"
TUITONE1   "A31A TUITION FOR MORE THAN ONE CO REC# 1"
TUITONE2   "A31A TUITION FOR MORE THAN ONE CO REC# 2"
TUITONE3   "A31A TUITION FOR MORE THAN ONE CO REC# 3"
TUITONE4   "A31A TUITION FOR MORE THAN ONE CO REC# 4"
TUITNUM1   "A31B NUMBER OF COURSES TUITION CO REC# 1"
TUITNUM2   "A31B NUMBER OF COURSES TUITION CO REC# 2"
TUITNUM3   "A31B NUMBER OF COURSES TUITION CO REC# 3"
TUITNUM4   "A31B NUMBER OF COURSES TUITION CO REC# 4"
CLASNUM1   "A32 # WEEKS A10 CLASS SCHEDULED T REC# 1"
CLASNUM2   "A32 # WEEKS A10 CLASS SCHEDULED T REC# 2"
CLASNUM3   "A32 # WEEKS A10 CLASS SCHEDULED T REC# 3"
CLASNUM4   "A32 # WEEKS A10 CLASS SCHEDULED T REC# 4"
CLASUNI1   "A32 UNITS A10 CLASS SCHEDULED TO  REC# 1"
CLASUNI2   "A32 UNITS A10 CLASS SCHEDULED TO  REC# 2"
CLASUNI3   "A32 UNITS A10 CLASS SCHEDULED TO  REC# 3"
CLASUNI4   "A32 UNITS A10 CLASS SCHEDULED TO  REC# 4"
CLASHRS1   "A33 # HOURS PER WEEK A10 CLASS SC REC# 1"
CLASHRS2   "A33 # HOURS PER WEEK A10 CLASS SC REC# 2"
CLASHRS3   "A33 # HOURS PER WEEK A10 CLASS SC REC# 3"
CLASHRS4   "A33 # HOURS PER WEEK A10 CLASS SC REC# 4"
COMPLET1   "A34 COMPLETED A10 CLASS           REC# 1"
COMPLET2   "A34 COMPLETED A10 CLASS           REC# 2"
COMPLET3   "A34 COMPLETED A10 CLASS           REC# 3"
COMPLET4   "A34 COMPLETED A10 CLASS           REC# 4"
TAKING1    "A34A STILL TAKING COURSE OR DROPP REC# 1"
TAKING2    "A34A STILL TAKING COURSE OR DROPP REC# 2"
TAKING3    "A34A STILL TAKING COURSE OR DROPP REC# 3"
TAKING4    "A34A STILL TAKING COURSE OR DROPP REC# 4"
BASIC      "A15 AE COURSES INCL BASIC SKILLS TR     "
ENGLISH    "A16 AE COURSES FOR ENG AS 2ND LANG      "
CITIZEN    "A35 AE COURSES FOR NATURALIZATION       "
AECOURSE   "A36 TAKEN ANY AE COURSES (EXCL FT)      "
AEPAST3    "A37 TAKEN AE COURSES IN PAST 3 YRS      "
AEJOB      "A38 AE COURSES BENEFIT CAREER           "
AEBASIC    "A39 AE COURSES BENEFIT BASIC SKILLS     "
AELICENS   "A40 AE COURSES HELP OBTAIN/RENEW LICENSE"
PREVJOB    "A41A PREVENT AE-YOUR WORK SCHEDULE      "
PREVTIME   "A41B PREVENT AE-MEETING TIMES OF CLASSES"
PREVCOST   "A41C PREVENT AE-COST OF CLASSES         "
PREVLOCA   "A41D PREVENT AE-LOCATION OF CLASSES     "
PREVTRAN   "A41E PREVENT AE-LACK OF TRANSPORTATION  "
```

```
PREVCHIL  "A41F PREVENT AE-LACK OF GHILD CARE      "
PREVFAM   "A41G PREVENT AE-OTH FAMILY RESPONSIBILIT"
PREVINFO  "A41H PREVENT AE-LACK OF INFO AB CLASSES "
PREVINT   "A41I PREVENT AE-NO INTERESTING CLASSES  "
PREVOTHR  "A41J PREVENT AE-SOME OTHER REASON       "
PREVOLD   "A41K OLD AGE-RECODE                     "
PREVSICK  "A41L SICKNESS-RECODE                    "
PREVDSIR  "A41M NO INTEREST/DESIRE-RECODE          "
PREVMOTV  "A41N MOTIVATION-RECODE                  "
PREVTIRD  "A41O TIRED/EXHAUSTED-RECODE             "
PREVBUSY  "A41P GENERAL TIME PROBLEM/BUSY-RECODE   "
RACEVER   "A42A RACE VERIFICATION                  "
HISPVER   "A42A1 RESPONDENT OF HISPANIC ORIGIN     "
SEXVER    "A42B S10E GENDER VERIFICATION           "
EVERMARI  "A43 EVER MARRIED                        "
MARISTAT  "A44 CURRENTLY MARRIED                   "
WORKPAY   "A45 EVER WORKED AT A JOB FOR PAY        "
WORKWEEK  "A45A WORKED AT A JOB FOR PAY LAST WEEK  "
VACATION  "A46 ON LEAVE OR VACATION FROM A JOB     "
LEAVEMM   "A51 MNTH RESPONDENT LEFT MOST RECENT JOB"
LEAVEYY   "A51 YEAR RESPONDENT LEFT MOST RECENT JOB"
WORKHRS   "A52 HOURS PER WEEK WORK FOR PAY         "
LOOKWORK  "A54 LOOKING FOR WORK ON PAST 4 WEEKS    "
LOOKPUBL  "A55A CHECKED W/PUBLIC EMPLOYMENT AGENCY "
LOOKPRIV  "A55B CHECKED W/PRIVATE EMPLOYMENT AGENCY"
LOOKEMPL  "A55C CHECKED WITH EMPLOYER DIRECTLY     "
LOOKFRND  "A55D CHECKED WITH FRIENDS OR RELATIVES  "
LOOKADS   "A55E PLACED OR ANSWERED ADS             "
LOOKNOTH  "A55F DID NTHING TO FIND WORK            "
LOOKOTHR  "A55G DID SOMETHING ELSE TO FIND WORK    "
LASTACTY  "A56 MAIN ACTIVITY LAST WEEK             "
UNDER16   "A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU   "
UNDER16N  "A58 # OF KIDS < 16 WHO LIVE W/ YOU      "
HIGHGRAD  "A59 HIGHEST GRADE COMPLETED             "
HSDIPLMA  "A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV"
MAINACTY  "A61 MAIN ACTIVITY IN PAST 12 MONTHS     "
LIBMO     "A62 USED PUBLIC LIBRARY IN PAST MONTH?  "
LIBYR     "A63 USED PUBLIC LIBRARY IN PAST YEAR?   "
CENSUSDV  "CENSUS DIVISION                         "
CENSUSRG  "CENSUS REGION                           "
MAINRSLT  "RESULT FOR THIS RESPONDENT              "
MILFLG    "MILITARY FLAG                           "
PSU       "FOR TAYLOR SERIES VARIANCE              "
REGION    "DEPARTMENT OF EDUCATION REGION          "
SAMPSTAT  "PARTICIPATION STATUS AT SAMPLING        "
SIC       "INDUSTRY CODE                           "
SOC       "OCCUPATION CODE                         "
URBAN     "URBANICITY                              "
VSTRAT    "FOR TAYLOR SERIES VARIANCE              "
AEBASLIT  "D-ADULT EDUCATION TO IMPROVE SKILLS     "
AEDEGREQ  "D-ADULT EDUCATION REQUIRED F/DEGREE     "
AEEMPREA  "D-ADULT EDUCATION F/JOB-RELATED REASON  "
AEEMPREQ  "D-ADULT EDUCATION REQUIRED BY EMPLOYER  "
AEESL     "D-ADULT EDUCATION F/ENGLISH AS 2ND LANG "
AEEVER    "D-EVER PARTICIPATED IN ADULT EDUCATION  "
AELABOR   "D-LABOR FORCE STATUS                    "
AELICNS   "D-ADULT EDUCATION F/LICENSE/CERTIFICATE "
AENUMCSE  "D-TOTAL # AE COURSES TAKEN IN PAST 12M  "
AEPARANY  "D-ADULT EDUC INCLUDING F/T DEGREE PROG  "
AEPARTIC  "D-ADULT EDUC EXCLUDING F/T DEGREE PGMS  "
AEPRTIME  "D-ADULT EDUC. EXCLUDING F/T PROGRAM     "
AETRAIN   "D-ADULT EDUCATION W/TRAINING COMPONENT  "
CEMPREA1  "D-REASON F/TAKING COURSE-1 JOB RELATED  "
CEMPREA2  "D-REASON F/TAKING COURSE-2 JOB RELATED  "
CEMPREA3  "D-REASON F/TAKING COURSE-3 JOB RELATED  "
CEMPREA4  "D-REASON F/TAKING COURSE-4 JOB RELATED  "
CNUMWKS1  "D-#WEEKS COURSE-1 SCHEDULED TO RUN      "
CNUMWKS2  "D-#WEEKS COURSE-2 SCHEDULED TO RUN      "
```

```
CNUMWKS3    "D-#WEEKS COURSE-3 SCHEDULED TO RUN      "
CNUMWKS4    "D-#WEEKS COURSE-4 SCHEDULED TO RUN      "
CREQUIR1    "D-CRSE-1 REQ F/CERT OF COMPLETION/DIPL  "
CREQUIR2    "D-CRSE-2 REQ F/CERT OF COMPLETION/DIPL  "
CREQUIR3    "D-CRSE-3 REQ F/CERT OF COMPLETION/DIPL  "
CREQUIR4    "D-CRSE-4 REQ F/CERT OF COMPLETION/DIPL  "
CTRAIN1     "D-ANY TRAINING COMPONENT COURSE-1       "
CTRAIN2     "D-ANY TRAINING COMPONENT COURSE-2       "
CTRAIN3     "D-ANY TRAINING COMPONENT COURSE-3       "
CTRAIN4     "D-ANY TRAINING COMPONENT COURSE-4       "
FTBASESL    "D-F/T BASIC SKILLS/ESL COURSE           "
FTDEGREE    "D-FULLTIME ASSOC/BACH DEGREE PROGRAM    "
FTNONDEG    "D-F/T NONDEG PGM                        "
HIDEGREE    "D-HIGHEST DEGREE ATTAINED               "
INCLEVEL    "D-LEVEL OF INCOME                       "
RACEETHN    "D-RACE-ETHNICITY                        "
SALARY      "D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB"
SCHOOLNG    "D-YEARS OF SCHOOL COMPLETED             "
AELABF      "IMPUTATION FLAG FOR LABOR FORCE STATUS  "
AGEF        "IMPUTATION FLAG FOR AGE                 "
EVERMARF    "IMPUTATION FLAG FOR EVERMARI            "
HIGHGRAF    "IMPUTATION FLAG FOR HIGHGRAD            "
HISPVERF    "IMPUTATION FLAG FOR HISPVER             "
HSDIPLMF    "IMPUTATION FLAG FOR HSDIPLMA            "
INCOMRNF    "INCOMRNG IMPUTED FLAG                   "
MARISTAF    "IMPUTATION FLAG FOR MARISTAT            "
NUMPERSF    "NUMPERS IMPUTED FLAG                    "
OWNHOMEF    "OWNHOME IMPUTED FLAG                    "
RACEVERF    "IMPUTATION FLAG FOR RACEVER             "
SALARYF     "IMPUTATION FLAG FOR SALARY              "
SICF        "IMPUTATION FLAG FOR SIC                 "
SOCF        "IMPUTATION FLAG FOR SOC                 "
UNDER16F    "IMPUTATION FLAG FOR UNDER16             "
AEWT        "FINAL ADULT WEIGHT                      "
AEREPL1     "REPLICATE WEIGHT                        "
AEREPL2     "REPLICATE WEIGHT                        "
AEREPL3     "REPLICATE WEIGHT                        "
AEREPL4     "REPLICATE WEIGHT                        "
AEREPL5     "REPLICATE WEIGHT                        "
AEREPL6     "REPLICATE WEIGHT                        "
AEREPL7     "REPLICATE WEIGHT                        "
AEREPL8     "REPLICATE WEIGHT                        "
AEREPL9     "REPLICATE WEIGHT                        "
AEREPL10    "REPLICATE WEIGHT                        "
AEREPL11    "REPLICATE WEIGHT                        "
AEREPL12    "REPLICATE WEIGHT                        "
AEREPL13    "REPLICATE WEIGHT                        "
AEREPL14    "REPLICATE WEIGHT                        "
AEREPL15    "REPLICATE WEIGHT                        "
AEREPL16    "REPLICATE WEIGHT                        "
AEREPL17    "REPLICATE WEIGHT                        "
AEREPL18    "REPLICATE WEIGHT                        "
AEREPL19    "REPLICATE WEIGHT                        "
AEREPL20    "REPLICATE WEIGHT                        "
AEREPL21    "REPLICATE WEIGHT                        "
AEREPL22    "REPLICATE WEIGHT                        "
AEREPL23    "REPLICATE WEIGHT                        "
AEREPL24    "REPLICATE WEIGHT                        "
AEREPL25    "REPLICATE WEIGHT                        "
AEREPL26    "REPLICATE WEIGHT                        "
AEREPL27    "REPLICATE WEIGHT                        "
AEREPL28    "REPLICATE WEIGHT                        "
AEREPL29    "REPLICATE WEIGHT                        "
AEREPL30    "REPLICATE WEIGHT                        "
AEREPL31    "REPLICATE WEIGHT                        "
AEREPL32    "REPLICATE WEIGHT                        "
AEREPL33    "REPLICATE WEIGHT                        "
AEREPL34    "REPLICATE WEIGHT                        "
```

```
                    AEREPL35   "REPLICATE WEIGHT                        "
                    AEREPL36   "REPLICATE WEIGHT                        "
                    AEREPL37   "REPLICATE WEIGHT                        "
                    AEREPL38   "REPLICATE WEIGHT                        "
                    AEREPL39   "REPLICATE WEIGHT                        "
                    AEREPL40   "REPLICATE WEIGHT                        "
                    AEREPL41   "REPLICATE WEIGHT                        "
                    AEREPL42   "REPLICATE WEIGHT                        "
                    AEREPL43   "REPLICATE WEIGHT                        "
                    AEREPL44   "REPLICATE WEIGHT                        "
                    AEREPL45   "REPLICATE WEIGHT                        "
                    AEREPL46   "REPLICATE WEIGHT                        "
                    AEREPL47   "REPLICATE WEIGHT                        "
                    AEREPL48   "REPLICATE WEIGHT                        "
                    AEREPL49   "REPLICATE WEIGHT                        "
                    AEREPL50   "REPLICATE WEIGHT                        "

VALUE LABELS AEBASIC  -1  'INAPPLICABLE'
                      -7  'REFUSED'
                      -8  'DK'
                      -9  'NOT ASCERTAINED'
                       1  'YES'
                       2  'NO'/
AECOURSE  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
AEEVER    -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
AELICENS  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
AEPAST3   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
ATWORK1   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
ATWORK2   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
ATWORK3   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
ATWORK4   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
```

```
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
BASIC    -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CITIZEN  -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
COMPLET1 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
COMPLET2 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
COMPLET3 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
COMPLET4 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CORRESP1 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CORRESP2 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CORRESP3 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CORRESP4 -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CRDEGREE -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
```

```
           2  'NO'/
CURENROL  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLONL1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLONL2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLONL3  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLONL4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLPRO1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLPRO2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLPRO3  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLPRO4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREA1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREA2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREA3  -1  'INAPPLICABLE'
```

```
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREA4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ3  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLTIM1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ3  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EMPLREQ4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
ENGLISH   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
EVERMARI  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
```

```
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTANY    -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTASSOC  -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTBACHLR -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTBASIC  -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTCERT   -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTENGLSH -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTGED    -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTOTHER  -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTSCHOOL -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    FTVOCA   -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    HISPVER  -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
```

```
           2  'NO'/
HSDIPLMA  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LIBMO     -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LIBYR    -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LICENSE1  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LICENSE2  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LICENSE3  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LICENSE4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LOOKADS   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LOOKEMPL  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LOOKFRND  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LOOKNOTH  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LOOKOTHR  -1  'INAPPLICABLE'
```

```
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
LOOKPRIV    -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
LOOKPUBL    -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
LOOKWORK    -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
MILFLG      -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTBASIC     -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTCLASS     -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTCOMP      -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTCORRS     -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTENGL      -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTGED       -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
            -9  'NOT ASCERTAINED'
             1  'YES'
             2  'NO'/
OTGROUP     -1  'INAPPLICABLE'
            -7  'REFUSED'
            -8  'DK'
```

```
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
     OTNONCR -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
     OTOTHER -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
     OTPRIV  -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDBUS1 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDBUS2 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDBUS3 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDBUS4 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDEMP1 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDEMP2 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDEMP3 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
              2  'NO'/
    PAIDEMP4 -1  'INAPPLICABLE'
             -7  'REFUSED'
             -8  'DK'
             -9  'NOT ASCERTAINED'
              1  'YES'
```

```
            2  'NO'/
  PAIDFAM1 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFAM2 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFAM3 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFAM4 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFED1 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFED2 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFED3 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDFED4 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDOTH1 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDOTH2 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDOTH3 -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
  PAIDOTH4 -1  'INAPPLICABLE'
```

```
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDPRI1   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDPRI2   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDPRI3   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDPRI4   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDSTA1   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDSTA2   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDSTA3   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDSTA4   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDUNI1   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDUNI2   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
PAIDUNI3   -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
```

```
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDUNI4  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PREVBUSY  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVCHIL  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVCOST  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVDSIR  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVFAM   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVINFO  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVINT   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVJOB   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVLOCA  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVMOTV  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVOLD   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVOTHR  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVSICK  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVTIME  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVTIRD  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PREVTRAN  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
PTENROLL  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
REQUIRE1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
REQUIRE2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
REQUIRE3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
REQUIRE4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TIMEOFF1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TIMEOFF2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TIMEOFF3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TIMEOFF4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNCS1    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNCS2    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNCS3    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNCS4    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNEMPL1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
```

```
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNEMPL2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNEMPL3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNEMPL4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNHLTH1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNHLTH2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNHLTH3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNHLTH4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNMGMT1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNMGMT2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNMGMT3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNMGMT4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNOTHE1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNOTHE2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNOTHE3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNOTHE4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNPROF1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNPROF2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNPROF3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNPROF4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNQC1    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNQC2    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNQC3    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNQC4    -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSALE1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSALE2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSALE3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSALE4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSUPR1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSUPR2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSUPR3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNSUPR4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNTECH1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNTECH2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNTECH3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
```

```
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TRNTECH4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TUITONE1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TUITONE2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TUITONE3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
TUITONE4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
UNDER16   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
VACATION  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
WORKPAY   -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
          -9  'NOT ASCERTAINED'  1  'YES'     2  'NO'/
AGE  -1  'INAPPLICABLE'  -7  'REFUSED'   -8  'DK'
    -9  'NOT ASCERTAINED'/
AELABF  -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
AGEF    -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
EVERMARF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
HIGHGRAF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
HISPVERF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
HSDIPLMF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
INCOMRNF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
MARISTAF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
NUMPERSF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
OWNHOMEF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
RACEVERF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
SALARYF  -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
SICF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
SOCF -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
UNDER16F -1  'INAPPLICABLE'   1  'IMPUTED VALUE'/
CENSUSDV  -1  'INAPPLICABLE'   1  'NEW ENGLAND'
    2  'MIDDLE ATLANTIC'       3  'EAST NORTH CENTRAL'
    4  'WEST NORTH CENTRAL'    5  'SOUTH ATLANTIC'
    6  'EAST SOUTH CENTRAL'    7  'WEST SOUTH CENTRAL'
    8  'MOUNTAIN'       9  'PACIFIC'/
CENSUSRG  -1  'INAPPLICABLE'   1  'NORTHEAST'
    2  'MIDWEST' 3  'SOUTH'   4  'WEST'/
CLASHRS1  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
CLASHRS2  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
CLASHRS3  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
CLASHRS4  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
CLASNUM1 -1  'INAPPLICABLE'  -7  'REFUSED'
    -8  'DK'  -9  'NOT ASCERTAINED'/
CLASNUM2 -1  'INAPPLICABLE'  -7  'REFUSED'
    -8  'DK'  -9  'NOT ASCERTAINED'/
CLASNUM3 -1  'INAPPLICABLE'  -7  'REFUSED'
    -8  'DK'  -9  'NOT ASCERTAINED'/
CLASNUM4 -1  'INAPPLICABLE'  -7  'REFUSED'
    -8  'DK'  -9  'NOT ASCERTAINED'/
CLASUNI1 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  1  'WEEKS'  2  'MONTHS'
     3  'SEMESTERS'  4  'QUARTERS'  5  'YEARS'/
CLASUNI2 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  1  'WEEKS'  2  'MONTHS'
     3  'SEMESTERS'  4  'QUARTERS'  5  'YEARS'/
CLASUNI3 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  1  'WEEKS'  2  'MONTHS'
     3  'SEMESTERS'  4  'QUARTERS'  5  'YEARS'/
CLASUNI4 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  1  'WEEKS'  2  'MONTHS'
```

BEST COPY AVAILABLE

```
     3  'SEMESTERS'  4  'QUARTERS'  5  'YEARS'/
DEGREE1 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'   0  'INELIGIBLE TYPE REPORTED'
     1  '8TH GRADE CERTIFICATE OF COMPLETION'
     2  'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
     3  'VOCATIONAL DIPLOMA OR CERTIFICATE'
     4  '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
     5  '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
     6  'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
     7  'COLLEGE CERTIFICATE'   8  'LICENSE'
    91  'OTHER (SPECIFY)'/
DEGREE2 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'   0  'INELIGIBLE TYPE REPORTED'
     1  '8TH GRADE CERTIFICATE OF COMPLETION'
     2  'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
     3  'VOCATIONAL DIPLOMA OR CERTIFICATE'
     4  '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
     5  '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
     6  'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
     7  'COLLEGE CERTIFICATE'   8  'LICENSE'
    91  'OTHER (SPECIFY)'/
DEGREE3 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'   0  'INELIGIBLE TYPE REPORTED'
     1  '8TH GRADE CERTIFICATE OF COMPLETION'
     2  'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
     3  'VOCATIONAL DIPLOMA OR CERTIFICATE'
     4  '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
     5  '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
     6  'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
     7  'COLLEGE CERTIFICATE'   8  'LICENSE'
    91  'OTHER (SPECIFY)'/
DEGREE4 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'   0  'INELIGIBLE TYPE REPORTED'
     1  '8TH GRADE CERTIFICATE OF COMPLETION'
     2  'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
     3  'VOCATIONAL DIPLOMA OR CERTIFICATE'
     4  '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
     5  '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
     6  'GRADUATE OR PROFESSIONAL DEGREE/CERTIF'
     7  'COLLEGE CERTIFICATE'   8  'LICENSE'
    91  'OTHER (SPECIFY)'/
FTNUM  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
PTNUM  -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
TUITNUM1 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
TUITNUM2 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
TUITNUM3 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
TUITNUM4 -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
HIGHGRAD -1  'INAPPLICABLE'  -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'   1  'UP TO EIGHTH GRADE'
     2  'NINTH TO ELEVENTH GRADE'
     3  'HIGH SCHOOL DIPLOMA OR EQUIVALENT'
     4  'VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL'
     5  '1-2 YEARS OF COLLEGE'  6  'ASSOCIATE''S DEGREE'
     7  '3-4 YEARS OF COLLEGE'  8  'BACHELOR''S DEGREE'
     9  'GRADUATE OR PROFESSIONAL SCHOOL'/
HOMETYPE -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  0  'BLANKS ALLOWED'
     1  'SINGLE FAMILY HOUSE OR TOWNHOUSE'
     2  'APARTMENT'  3  'SOME OTHER TYPE OF HOME'/
INCOMRNG -1  'INAPPLICABLE'  -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  0  'BLANKS ALLOWED'
     1  '$5,000 OR LESS'   10  'OVER $75,000'
    2  '$5,001 TO $10,000'  3  '$10,001 TO $15,000'
    4  '$15,001 TO $20,000' 5  '$20,001 TO $25,000'
    6  '$25,001 TO $30,000' 7  '$30,001 TO $40,000'
    8  '$40,001 TO $50,000' 9  '$50,001 TO $75,000'/
LASTACTY -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'KEEPING HOUSE/CARING FOR CHILDREN'
    2  'GOING TO SCHOOL'
    3  'RETIRED' 4  'UNABLE TO WORK' 91  'OTHER (SPECIFY)'/
LEAVEMM -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  /
LEAVEYY -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' /
LIVENOW -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'HERE'
    2  'STUDENT HOUSING'
    3  'OTHER PRIVATE HOME OR APARTMENT'
    4  'INSTITUTUIN OR GROUP QUARTERS'/
MAILTV1 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'THROUGH THE MAIL'
    2  'BY TELEVISION OR RADIO'/
MAILTV2 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'THROUGH THE MAIL'
    2  'BY TELEVISION OR RADIO'/
MAILTV3 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'THROUGH THE MAIL'
    2  'BY TELEVISION OR RADIO'/
MAILTV4 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'THROUGH THE MAIL'
    2  'BY TELEVISION OR RADIO'/
MAINACTY -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'PURSUING AN EDUCATION'
    2  'WORKING AT A JOB'
    3  'KEEPING HOUSE OR CARING FOR CHILDREN'
    91  'SOMETHING ELSE'  92  'RETIRED'
    93  'SICK OR DISABLED'/
MAINRSLT  '-1'  'INAPPLICABLE'
    'CA'  'ADULT EDUCATION PARTICIPANT'
    'CN'  'ADULT EDUCATION NONPARTICIPANT'/
MARISTAT -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  1  'MARRIED'
    2  'SEPARATED'  3  'DIVORCED'  4  'WIDOWED'/
NUMPERS -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'  0  'BLANKS ALLOWED'/
OBTAIN1 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'OBTAIN LICENSE OR CERTIFICATE'
    2  'RENEW LICENSE OR CERTIFICATE'/
OBTAIN2 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'OBTAIN LICENSE OR CERTIFICATE'
    2  'RENEW LICENSE OR CERTIFICATE'/
OBTAIN3 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'OBTAIN LICENSE OR CERTIFICATE'
    2  'RENEW LICENSE OR CERTIFICATE'/
OBTAIN4 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'OBTAIN LICENSE OR CERTIFICATE'
    2  'RENEW LICENSE OR CERTIFICATE'/
OTNUM -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'/
OWNHOME -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 0  'BLANKS ALLOWED'
    1  'OWN YOUR HOME'    2  'RENT YOUR HOME'
    3  'HAVE SOME OTHER ARRANGEMENT'/
PAIDFRE1 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'    1  'NO CHARGE'
    2  'CHARGE'/
PAIDFRE2 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'    1  'NO CHARGE'
    2  'CHARGE'/
PAIDFRE3 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'    1  'NO CHARGE'
    2  'CHARGE'/
PAIDFRE4 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'    1  'NO CHARGE'
    2  'CHARGE'/
PTDEGREE -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    0  'NOT ENROLLED/NOT DEGREE SEEKING'
    1  'ASSOCIATE''S DEGREE'
    2  'BACHELOR''S DEGREE'
    3  'MASTER''S DEGREE'
    4  'DOCTORATE'
    5  'PROFESSIONAL (RE)CERTIFICATION'
    91  'OTHER DEGREE (SPECIFY)'/
RACEVER -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'WHITE'  2  'BLACK'
    3  'NATIVE AMERICAN OR ALASKAN NATIVE'
    4  'ASIAN OR PACIFIC ISLANDER'
    91  'SOME OTHER RACE'/
REGION -1  'INAPPLICABLE' -9  'NOT ASCERTAINED'
    1  'NORTHEAST' 2  'CENTRAL' 3  'SOUTHEAST' 4  'WEST'/
SEXVER -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED' 1  'MALE'  2  'FEMALE'/
SIC '-1'  'INAPPLICABLE' '-7'  'REFUSED' '-8'  'UNKNOWN'
    '-9'  'UNACCERTAINED'
    'A'  'AGRICULTURE, FORESTRY, AND FISHING'
    'B'  'MINING'
    'C'  'CONSTRUCTION'
    'D'  'MANUFACTURING'
    'D35'  'INDUSTRIAL MACHINERY AND EQUIPMENT'
    'D36'  'ELECTRONIC AND OTHER ELECTRIC EQUIPMENT'
    'D37'  'TRANSPORTATION EQUIPMENT'
    'E'  'TRANSPORTATION AND PUBLIC UTILITIES'
    'E41'  'LOCAL AND INTERURBAN PASSENGER TRANSIT'
    'E42'  'TRUCKING AND WAREHOUSING'
    'E43'  'U.S. POSTAL SERVICE'
    'E48'  'COMMUNICATIONS'
    'E49'  'ELECTRIC, GAS, AND SANITARY SERVICES'
    'F'  'WHOLESALE TRADE'
    'G'  'RETAIL TRADE'
    'H'  'FINANCE, INSURANCE, AND REAL ESTATE'
    'I'  'SERVICES'
    'I737'  'COMPUTER AND DATA PROCESSING'
    'I80'  'HEALTH SERVICES'
    'I81'  'LEGAL SERVICES'
    'I821'  'ELEMENTARY AND SECONDARY SCHOOLS'
    'I822'  'COLLEGES AND UNIVERSITIES'
    'I824'  'VOCATIONAL SCHOOL'
    'I87'  'ENGINEERING AND MANAGEMENT'
    'J'  'PUBLIC ADMINISTRATION'
    'J914'  'FEDERAL GOVERNMENT'
    'J915'  'STATE OR LOCAL GOVERNMENT'
    'J971'  'NATIONAL SECURITY'
    'K'  'NONCLASSIFIABLE ESTABLISHMENTS'/
SOC '-1'  'INAPPLICABLE' '-7'  'REFUSED' '-8'  'UNKNOWN'
    '-9'  'UNACCERTAINED'
    'A'  'EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIONS'
    'B'  'ENGINEERS, SURVEYORS, AND ARCHITECTS'
    'C'  'NATURAL SCIENTISTS, AND MATHEMATICIANS'
    'C171'  'COMPUTER SCIENTISTS'
    'D19'  'SOCIAL SCIENTISTS, AND URBAN PLANNERS'
    'D20'  'SOCIAL,RECREATION,AND RELIGIOUS WORKERS'
    'D21'  'LAWYERS AND JUDGES'
```

```
     'E22'  'TEACHERS COLL.,UNIV.,POSTSECONDARY INST.'
     'E23'  'TEACHERS, EXCEPT POSTSECONDARY INST.'
     'E24'  'VOCATIONAL AND EDUCATIONAL COUNSELORS'
     'E25'  'LIBRARIANS, ARCHIVISTS, AND CURATORS'
     'F26'  'PHYSICIANS AND DENTISTS'
     'F27'  'VETERINARIANS'
     'F28'  'OTHER HEALTH DIAG/TREATING PRACTITIONERS'
     'G29'  'REGISTERED NURSES'
     'G30'  'PHARM.,DIET.,THERAPISTS,PHYSICIAN''S ASST'
     'H'  'WRITERS,ARTISTS,ENTERTAINERS, ATHLETES'
     'I'  'HEALTH TECHNOLOGISTS AND TECHNICIANS'
     'J37'  'ENGINEERING/TECHNOLOGISTS,TECHNICIANS'
     'J38'  'SCIENCE TECHNOLOGISTS AND TECHNICIANS'
     'J39'  'TECHNICIANS-EXCEPT HEALTH,ENG.,SCIENCE'
     'K'  'MARKETING AND SALES OCCUPATIONS'
     'L'  'ADMINISTRATIVE SUPPORT, INCL CLERICAL'
     'M'  'SERVICE OCCUPATIONS'
     'N'  'AGRICULTURE,FORESTRY,FISHING OCCUPATIONS'
     'O'  'MECHANICS AND REPAIRERS'
     'O611'  'VEHICLE,MOBILE EQUIP. MECHANICS/REPAIRER'
     'O615'  'ELECTRIC,ELECTRONIC EQUIPMENT REPAIRERS'
     'P'  'CONSTUCTION AND EXTRACTIVE OCCUPATIONS'
     'Q'  'PRECISION PRODUCTION OCCUPATIONS'
     'R'  'PRODUCTION WORKING OCCUPATIONS'
     'S'  'TRANSPORTATION, MATERIAL MOVING'
     'S821'  'MOTOR VEHICLE OPERATORS'
     'T'  'HANDLERS,EQUIP. CLEANERS,HELPERS,LABORER'
     'U'  'MILITARY OCCUPATIONS'
     'V'  'MISCELLANEOUS OCCUPATIONS'
     'Y'  'HOUSEWIFE'
     'Z'  'UNEMPL,RETIRED,DISABLED,UNCLASSIFIABLE'/
SPONTYP1 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
     1  'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
     10  'PRIVATE COMMUNITY ORGANIZATION'
     2  '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
     3  '4-YR COLLEGE OR UNIVERSITY'
     4  'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
     5  'TUTOR OR PRIVATE INSTRUCTOR'
     6  'BUSINESS OR INDUSTRY'
     7  'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
     8  'LIBRARY'
     9  'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
     91  'SOMEONE ELSE'/
SPONTYP2 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
     1  'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
     10  'PRIVATE COMMUNITY ORGANIZATION'
     2  '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
     3  '4-YR COLLEGE OR UNIVERSITY'
     4  'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
     5  'TUTOR OR PRIVATE INSTRUCTOR'
     6  'BUSINESS OR INDUSTRY'
     7  'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
     8  'LIBRARY'
     9  'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
     91  'SOMEONE ELSE'/
SPONTYP3 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
     1  'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
     10  'PRIVATE COMMUNITY ORGANIZATION'
     2  '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
     3  '4-YR COLLEGE OR UNIVERSITY'
     4  'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
     5  'TUTOR OR PRIVATE INSTRUCTOR'
     6  'BUSINESS OR INDUSTRY'
     7  'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
     8  'LIBRARY'
    9  'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
    91  'SOMEONE ELSE'/
SPONTYP4 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL'
    10  'PRIVATE COMMUNITY ORGANIZATION'
    2  '2-YR COMMUNITY/JR COLLEGE/TECHNICAL INST'
    3  '4-YR COLLEGE OR UNIVERSITY'
    4  'VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SCHL'
    5  'TUTOR OR PRIVATE INSTRUCTOR'
    6  'BUSINESS OR INDUSTRY'
    7  'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
    8  'LIBRARY'
    9  'FEDERAL/STATE/COUNTY/LOCAL GOV''T AGENCY'
    91  'SOMEONE ELSE'/
TAKEREA1 -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'PERSONAL, FAMILY, OR SOCIAL REASON'
    2  'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3  'TO TRAIN FOR A NEW JOB OR CAREER'
    4  'TO IMPROVE READING,WRITING,MATH SKILLS'
    5  'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91  'OTHER REASON'/
TAKEREA2 -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'PERSONAL, FAMILY, OR SOCIAL REASON'
    2  'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3  'TO TRAIN FOR A NEW JOB OR CAREER'
    4  'TO IMPROVE READING,WRITING,MATH SKILLS'
    5  'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91  'OTHER REASON'/
TAKEREA3 -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'PERSONAL, FAMILY, OR SOCIAL REASON'
    2  'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3  'TO TRAIN FOR A NEW JOB OR CAREER'
    4  'TO IMPROVE READING,WRITING,MATH SKILLS'
    5  'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91  'OTHER REASON'/
TAKEREA4 -1  'INAPPLICABLE' -7  'REFUSED'  -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'PERSONAL, FAMILY, OR SOCIAL REASON'
    2  'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
    3  'TO TRAIN FOR A NEW JOB OR CAREER'
    4  'TO IMPROVE READING,WRITING,MATH SKILLS'
    5  'TO MEET REQUIREMENT FOR DIPLOMA/DEGREE'
    91  'OTHER REASON'/
TAKING1 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'STILL TAKING COURSE'
    2  'DROPPED COURSE'/
TAKING2 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'STILL TAKING COURSE'
    2  'DROPPED COURSE'/
TAKING3 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'STILL TAKING COURSE'
    2  'DROPPED COURSE'/
TAKING4 -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'  1  'STILL TAKING COURSE'
    2  'DROPPED COURSE'/
TUITION1 -1.00  'INAPPLICABLE' -7.00  'REFUSED'
    -8.00  'DK'  -9.00  'NOT ASCERTAINED'/
TUITION2 -1.00  'INAPPLICABLE' -7.00  'REFUSED'
    -8.00  'DK'  -9.00  'NOT ASCERTAINED'/
TUITION3 -1.00  'INAPPLICABLE' -7.00  'REFUSED'
    -8.00  'DK'  -9.00  'NOT ASCERTAINED'/
TUITION4 -1.00  'INAPPLICABLE' -7.00  'REFUSED'
    -8.00  'DK'  -9.00  'NOT ASCERTAINED'/
UNDER16N -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
```

```
    -9  'NOT ASCERTAINED'/
URBAN -1  'INAPPLICABLE'  -9  'NOT ASCERTAINED'
    0  'NON'  1  'MSA'  2  'NECMA'/
WORKHRS -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'/
WORKWEEK -1  'INAPPLICABLE' -7  'REFUSED' -8  'DK'
    -9  'NOT ASCERTAINED'
    1  'YES' 2  'NO' 3  'RETIRED'/
OTNAME1 ' '   'NA/MISSING'  '-1'  'INAPPLICABLE'
   '-7'  'REFUSED'  '-8'  'DK'  '-9'  'NOT ASCERTAINED'
   OTHER  'COURSE NAME'/
OTNAME2 ' '   'NA/MISSING'  '-1'  'INAPPLICABLE'
   '-7'  'REFUSED'  '-8'  'DK'  '-9'  'NOT ASCERTAINED'
   OTHER  'COURSE NAME'/
OTNAME3 ' '   'NA/MISSING'  '-1'  'INAPPLICABLE'
   '-7'  'REFUSED'  '-8'  'DK'  '-9'  'NOT ASCERTAINED'
   OTHER  'COURSE NAME'/
OTNAME4 ' '   'NA/MISSING'  '-1'  'INAPPLICABLE'
   '-7'  'REFUSED'  '-8'  'DK'  '-9'  'NOT ASCERTAINED'
   OTHER  'COURSE NAME'/
AEBASLIT   0  'NO' 1  'YES'/
AEDEGREQ   0  'NO' 1  'YES'/
AEEMPREA   0  'NO' 1  'YES'/
AEESL      0  'NO' 1  'YES'/
AELICNS    0  'NO' 1  'YES'/
AEPARANY   0  'NO' 1  'YES'/
AEPARTIC   0  'NO' 1  'YES'/
AEPRTIME   0  'NO' 1  'YES'/
AETRAIN    0  'NO' 1  'YES'/
CEMPREA1   0  'NO' 1  'YES'/
CEMPREA2   0  'NO' 1  'YES'/
CEMPREA3   0  'NO' 1  'YES'/
CEMPREA4   0  'NO' 1  'YES'/
CREQUIR1   0  'NO' 1  'YES'/
CREQUIR2   0  'NO' 1  'YES'/
CREQUIR3   0  'NO' 1  'YES'/
CREQUIR4   0  'NO' 1  'YES'/
CTRAIN1    0  'NO' 1  'YES'/
CTRAIN2    0  'NO' 1  'YES'/
CTRAIN3    0  'NO' 1  'YES'/
CTRAIN4    0  'NO' 1  'YES'/
FTBASESL   0  'NO' 1  'YES'/
FTDEGREE   0  'NO' 1  'YES'/
FTNONDEG   0  'NO' 1  'YES'/
OTCLASS    0  'NO' 1  'YES'/
AEEVER     0  'NEVER               '
   1  'PAST 12 MTHS       '
   2  'PAST 3Y N/PAST 12M'
   3  'BEFORE PAST 3YRS  '/
AEEMPREQ 0   'NO                '
   1   'YES               ' 2   'N/EMP WHEN TAKING'/
RACEETHN 1  'WHITE, NON-HISPANIC'
   2  'BLACK, NON-HISPANIC' 3  'HISPANIC            '
   4  'ALL OTHER RACES    '/
HIDEGREE 1  'LESS THAN H/S DIP'
   2  'H/S DIP/EQUIV    ' 3  'ASSOCIATE DEG    '
   4  'BACH DEG/HIGHER  '/
INCLEVEL 1  '$10,000 OR LESS'
   2  '$10,001-$15,000'   3  '$15,001-$20,000'
   4  '$20,001-$25,000'   5  '$25,001-$30,000'
   6  '$30,001-$40,000'   7  '$40,001-$50,000'
   8  '$50,001-$75,000'   9  'OVER $75,000    '/
AELABOR  1  'EMPLOYED            '
   2  'UNEMPLOYED         '
   3  'NOT IN LABOR FORCE'/
SCHOOLNG 1  'UP TO 8TH GRD  '
   2  '9-11 GRADE     '   3  '12TH GRADE      '
   4  'VOC AFTER H/S  '   5  'SOME COLLEGE    '
   6  'ASSOCIATE DEG  '   7  'BACH DEG-HIGHER'/
SAMPSTAT 1 'NONPARTICIPANTS'
   2 'FULL-TIME DEGREE SEEKING' 3 'OTHER(PART-TIME)'.
```

COURSE FILE SPSS-X CONTROL CARDS

```
//READFILE JOB (account info),'programmer name'
//        EXEC XSPSS,REGION=4096K
//LIBRARY DD SPACE=(TRK,(50,50,60))
//WORK    DD UNIT=SYSDA,SPACE=(24322,(1850,1000),,,ROUND)
//IN1     DD DSN=COURSE.DATA,DISP=SHR,
//           UNIT=3400-6,VOL=SER=WV1919,LABEL=(2,SL),
//           DCB=(RECFM=FB,LRECL=780,BLKSIZE=11700)
//SYSIN   DD *

   *************************************************************
   **                                                         **
   **  This is a SPSS program which will read in the raw data **
   **  file into a SPSS data file.  The JCL is a generic one  **
   **  for an IBM SYSTEM/370.  Each IBM facility will have    **
   **  its own site specific commands and conventions.  These **
   **  conventions must be implemented by the programmer.     **
   **                                                         **
   *************************************************************;

DATA LIST FILE=IN1 FIXED /
    CLASID      1-11 (A)
    PERSID      12-20 (A)
    AGE         21-22
    INCOMRNG    23-24
    FTSCHOOL    25-26
    CURENROL    27-28
    OTNUM       29-30
    OTNAME      31-70 (A)
    CRDEGREE    71-72
    TAKEREAS    73-74
    EMPLREAS    75-76
    TRNMGMT     77-78
    TRNSUPR     79-80
    TRNPROF     81-82
    TRNTECH     83-84
    TRNCS       85-86
    TRNHLTH     87-88
    TRNQC       89-90
    TRNSALES    91-92
    TRNEMPL     93-94
    TRNOTHER    95-96
    REQUIRE     97-98
    DEGREE      99-100
    LICENSE     101-102
    OBTAIN      103-104
    SPONTYPE    105-106
    EMPLPROV    107-108
    EMPLTIME    109-110
    EMPLONLY    111-112
    ATWORK      113-114
    EMPLREQ     115-116
    TIMEOFF     117-118
    CORRESPN    119-120
    MAILTV      121-122
    PAIDFAM     123-124
    PAIDFED     125-126
    PAIDSTAT    127-128
    PAIDBUSI    129-130
    PAIDPRIV    131-132
    PAIDOTHR    133-134
    PAIDFREE    135-136
    PAIDUNIV    137-138
    PAIDEMPL    139-140
    TUITION     141-148
    TUITONE     149-150
    TUITNUM     151-152
    CLASNUM     153-154
    CLASUNIT    155-156
```

CLASHRS	157-158	
COMPLETE	159-160	
TAKING	161-162	
RACEVER	163-164	
HISPVER	165-166	
SEXVER	167-168	
MARISTAT	169-170	
UNDER16	171-172	
HIGHGRAD	173-174	
HSDIPLMA	175-176	
CENSUSDV	177-178	
CENSUSRG	179-180	
MILFLG	181-182	
PSU	183-184	(A)
REGION	185-186	
SAMPSTAT	187-188	
SIC	189-192	(A)
SOC	193-196	(A)
URBAN	197-198	
VSTRAT	199-200	(A)
AEBASLIT	201-202	
AEDEGREQ	203-204	
AEEMPREA	205-206	
AEEMPREQ	207-208	
AEESL	209-210	
AELABOR	211-212	
AELICNS	213-214	
AENUMCSE	215-216	
AETRAIN	217-218	
CEMPREAS	219-220	
CNUMWKS	221-223	
CREQUIRE	224-225	
CTRAIN	226-227	
FTBASESL	228-229	
FTDEGREE	230-231	
FTNONDEG	232-233	
HIDEGREE	234-235	
INCLEVEL	236-237	
RACEETHN	238-239	
SALARY	240-244	
SCHOOLNG	245-246	
AELABF	247-248	
AGEF	249-250	
HIGHGRAF	251-252	
HISPVERF	253-254	
HSDIPLMF	255-256	
INCOMRNF	257-258	
MARISTAF	259-260	
RACEVERF	261-262	
SALARYF	263-264	
SICF	265-266	
SOCF	267-268	
UNDER16F	269-270	
AEWT	271-280	
AEREPL1	281-290	
AEREPL2	291-300	
AEREPL3	301-310	
AEREPL4	311-320	
AEREPL5	321-330	
AEREPL6	331-340	
AEREPL7	341-350	
AEREPL8	351-360	
AEREPL9	361-370	
AEREPL10	371-380	
AEREPL11	381-390	
AEREPL12	391-400	
AEREPL13	401-410	
AEREPL14	411-420	

```
               AEREPL15     421-430
               AEREPL16     431-440
               AEREPL17     441-450
               AEREPL18     451-460
               AEREPL19     461-470
               AEREPL20     471-480
               AEREPL21     481-490
               AEREPL22     491-500
               AEREPL23     501-510
               AEREPL24     511-520
               AEREPL25     521-530
               AEREPL26     531-540
               AEREPL27     541-550
               AEREPL28     551-560
               AEREPL29     561-570
               AEREPL30     571-580
               AEREPL31     581-590
               AEREPL32     591-600
               AEREPL33     601-610
               AEREPL34     611-620
               AEREPL35     621-630
               AEREPL36     631-640
               AEREPL37     641-650
               AEREPL38     651-660
               AEREPL39     661-670
               AEREPL40     671-680
               AEREPL41     681-690
               AEREPL42     691-700
               AEREPL43     701-710
               AEREPL44     711-720
               AEREPL45     721-730
               AEREPL46     731-740
               AEREPL47     741-750
               AEREPL48     751-760
               AEREPL49     761-770
               AEREPL50     771-780.


VARIABLE LABEL  CLASID      "CLAS KEY = ADLTID || 2-DIGIT SEQUENTIAL#"
                PERSID      "PERS KEY = BASEID || 2-DIGIT PERSNUM    "
                AGE         "AGE AS OF JANUARY 1,1991                "
                INCOMRNG    "S22A TOTAL HOUSEHOLD INCOME - RANGE     "
                FTSCHOOL    "A1a FT ELEMENTARY OR HIGH SCHOOL        "
                CURENROL    "A1B CURRENTLY ENROLLED AS FULL-TIME STDNT"
                OTNUM       "A9 # OTHER CLASSES TAKEN DURING PAST 12 "
                OTNAME      "A10 MOST RECENT AE CLAS(FR ADLT.OTNAME#)"
                CRDEGREE    "A11 A10 CLASSES FOR CREDIT TOWARD DEGREE"
                TAKEREAS    "A13 MAIN REASON FOR TAKING A10 CLASS    "
                EMPLREAS    "A14 CAREER REASONS FOR TAKING A10 CLASS "
                TRNMGMT     "A17A EXECUTIVE MGMT DEVELOPMENT TRAINING"
                TRNSUPR     "A17B SUPERVISORY TRAINING               "
                TRNPROF     "A17C PROFESSIONAL DEVELOPMENT TRAINING  "
                TRNTECH     "A17D TECHNICAL/SKILLED WORKER TRAINING  "
                TRNCS       "A17E WORD PROCESSING/COMPUTER SOFTWARE  "
                TRNHLTH     "A17F JOB HEALTH AND SAFETY TRAINING     "
                TRNQC       "A17G QUALITY CONTROL/STATISTICAL PROCESS"
                TRNSALES    "A17H SALES AND MARKETING TRAINING       "
                TRNEMPL     "A17I NEW EMPLOYEE TRAINING              "
                TRNOTHER    "A17J SOME OTHER KIND OF TRAINING        "
                REQUIRE     "A18 TAKE A10 CLASS TO MEET REQUIREMENT  "
                DEGREE      "A19 A10 CLASS FULFILLS TYPE REQUIREMENT "
                LICENSE     "A20 A10 CLASS TO OBTAIN/RENEW LICENSE   "
                OBTAIN      "A20OV OBTAIN OR RENEW LICENSE/CERTIFICAT"
                SPONTYPE    "A22 A10 CLASS SPONSORED BY TYPE ORG     "
                EMPLPROV    "A23 A10 CLASS SPONSOR IS EMPLOYER       "
                EMPLTIME    "A23A EMPLOYED AT TIME A10 CLASS TAKEN   "
                EMPLONLY    "A24 A10 CLASS PARTICIPATN-EMPLOYEES ONLY"
                ATWORK      "A25 A10 CLASS GIVEN AT WORK             "
```

```
EMPLREQ    "A25A EMPLOYER REQUIRED A10 CLASS          "
TIMEOFF    "A26 GIVEN TIME OFF TO TAKE A10 CLASS      "
CORRESPN   "A27 A10 CLASS A CORRESPONDENCE COURSE     "
MAILTV     "A28 A10 CORR COURSE - TYPE INSTRUCTION    "
PAIDFAM    "A29A YOU OR FAMILY PAID                   "
PAIDFED    "A29B FEDERAL GOVERNMENT PAID              "
PAIDSTAT   "A29C STATE/COUNTY/LOCAL GOVERNMENT PAID   "
PAIDBUSI   "A29D BUSINESS OR INDUSTRY PAID            "
PAIDPRIV   "A29E PRIVATE ORGANIZATION PAID            "
PAIDOTHR   "A29F SOMEONE ELSE PAID                    "
PAIDFREE   "A29G THERE WAS NO CHARGE                  "
PAIDUNIV   "A29H POST-SEC INST PAID-RECODE            "
PAIDEMPL   "A30 EMPLOYER WAS SOURCE OF PAYMENT        "
TUITION    "A31 AMOUNT PAID FOR TUITION & FEES A10    "
TUITONE    "A31A TUITION FOR MORE THAN ONCE COURSE?   "
TUITNUM    "A31B NUMBER OF COURSES TUITION COVERS     "
CLASNUM    "A32 # WEEKS A10 CLASS SCHEDULED TO RUN    "
CLASUNIT   "A32 UNITS A10 CLASS SCHEDULED TO RUN      "
CLASHRS    "A33 # HOURS PER WEEK A10 CLASS SCHEDULED"
COMPLETE   "A34 COMPLETED A10 CLASS                   "
TAKING     "A34A STILL TAKING COURSE OR DROPPED COUR"
RACEVER    "A42A RACE VERIFICATION                    "
HISPVER    "A42A1 RESPONDENT OF HISPANIC ORIGIN       "
SEXVER     "A42B S10E GENDER VERIFICATION             "
MARISTAT   "A44 CURRENTLY MARRIED                     "
UNDER16    "A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU     "
HIGHGRAD   "A59 HIGHEST GRADE COMPLETED               "
HSDIPLMA   "A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV"
CENSUSDV   "CENSUS DIVISION                           "
CENSUSRG   "CENSUS REGION                             "
MILFLG     "MILITARY FLAG                             "
PSU        "FOR TAYLOR SERIES VARIANCE                "
REGION     "DEPARTMENT OF EDUCATION REGION            "
SAMPSTAT   "PARTICIPATION STATUS AT SAMPLING          "
SIC        "INDUSTRY CODE                             "
SOC        "OCCUPATION CODE                           "
URBAN      "URBANICITY                                "
VSTRAT     "FOR TAYLOR SERIES VARIANCE                "
AEBASLIT   "D-ADULT EDUCATION TO IMPROVE SKILLS       "
AEDEGREQ   "D-ADULT EDUCATION REQUIRED F/DEGREE       "
AEEMPREA   "D-ADULT EDUCATION F/JOB-RELATED REASON    "
AEEMPREQ   "D-ADULT EDUCATION REQUIRED BY EMPLOYER    "
AEESL      "D-ADULT EDUCATION F/ENGLISH AS 2ND LANG   "
AELABOR    "D-LABOR FORCE STATUS                      "
AELICNS    "D-ADULT EDUCATION F/LICENSE/CERTIFICATE   "
AENUMCSE   "D-TOTAL # AE COURSES TAKEN IN PAST 12M    "
AETRAIN    "D-ADULT EDUCATION W/TRAINING COMPONENT    "
CEMPREAS   "D-JOB RELATED REASON FOR TAKING COURSE    "
CNUMWKS    "D-NUMBER OF WEEKS SCHEDULED TO RUN        "
CREQUIRE   "D-REQRD FOR CERTIF OF COMPLETION/DIPLOMA"
CTRAIN     "D-ANY TRAINING COMPONENT IN COURSE        "
FTBASESL   "D-F/T BASIC SKILLS/ESL COURSE             "
FTDEGREE   "D-FULLTIME ASSOC/BACH DEGREE PROGRAM      "
FTNONDEG   "D-F/T NONDEG PGM                          "
HIDEGREE   "D-HIGHEST DEGREE ATTAINED                 "
INCLEVEL   "D-LEVEL OF INCOME                         "
RACEETHN   "D-RACE-ETHNICITY                          "
SALARY     "D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB"
SCHOOLNG   "D-YEARS OF SCHOOL COMPLETED               "
AELABF     "IMPUTATION FLAG FOR LABOR FORCE STATUS    "
AGEF       "IMPUTATION FLAG FOR AGE                   "
HIGHGRAF   "IMPUTATION FLAG FOR HIGHGRAD              "
HISPVERF   "IMPUTATION FLAG FOR HISPVER               "
HSDIPLMF   "IMPUTATION FLAG FOR HSDIPLMA              "
INCOMRNF   "INCOMRNG IMPUTED FLAG                     "
MARISTAF   "IMPUTATION FLAG FOR MARISTAT              "
RACEVERF   "IMPUTATION FLAG FOR RACEVER               "
SALARYF    "IMPUTATION FLAG FOR SALARY                "
```

```
            SICF       "IMPUTATION FLAG FOR SIC              "
            SOCF       "IMPUTATION FLAG FOR SOC              "
            UNDER16F   "IMPUTATION FLAG FOR UNDER16          "
            AEWT       "FINAL ADULT WEIGHT                   "
            AEREPL1    "REPLICATE WEIGHT                     "
            AEREPL2    "REPLICATE WEIGHT                     "
            AEREPL3    "REPLICATE WEIGHT                     "
            AEREPL4    "REPLICATE WEIGHT                     "
            AEREPL5    "REPLICATE WEIGHT                     "
            AEREPL6    "REPLICATE WEIGHT                     "
            AEREPL7    "REPLICATE WEIGHT                     "
            AEREPL8    "REPLICATE WEIGHT                     "
            AEREPL9    "REPLICATE WEIGHT                     "
            AEREPL10   "REPLICATE WEIGHT                     "
            AEREPL11   "REPLICATE WEIGHT                     "
            AEREPL12   "REPLICATE WEIGHT                     "
            AEREPL13   "REPLICATE WEIGHT                     "
            AEREPL14   "REPLICATE WEIGHT                     "
            AEREPL15   "REPLICATE WEIGHT                     "
            AEREPL16   "REPLICATE WEIGHT                     "
            AEREPL17   "REPLICATE WEIGHT                     "
            AEREPL18   "REPLICATE WEIGHT                     "
            AEREPL19   "REPLICATE WEIGHT                     "
            AEREPL20   "REPLICATE WEIGHT                     "
            AEREPL21   "REPLICATE WEIGHT                     "
            AEREPL22   "REPLICATE WEIGHT                     "
            AEREPL23   "REPLICATE WEIGHT                     "
            AEREPL24   "REPLICATE WEIGHT                     "
            AEREPL25   "REPLICATE WEIGHT                     "
            AEREPL26   "REPLICATE WEIGHT                     "
            AEREPL27   "REPLICATE WEIGHT                     "
            AEREPL28   "REPLICATE WEIGHT                     "
            AEREPL29   "REPLICATE WEIGHT                     "
            AEREPL30   "REPLICATE WEIGHT                     "
            AEREPL31   "REPLICATE WEIGHT                     "
            AEREPL32   "REPLICATE WEIGHT                     "
            AEREPL33   "REPLICATE WEIGHT                     "
            AEREPL34   "REPLICATE WEIGHT                     "
            AEREPL35   "REPLICATE WEIGHT                     "
            AEREPL36   "REPLICATE WEIGHT                     "
            AEREPL37   "REPLICATE WEIGHT                     "
            AEREPL38   "REPLICATE WEIGHT                     "
            AEREPL39   "REPLICATE WEIGHT                     "
            AEREPL40   "REPLICATE WEIGHT                     "
            AEREPL41   "REPLICATE WEIGHT                     "
            AEREPL42   "REPLICATE WEIGHT                     "
            AEREPL43   "REPLICATE WEIGHT                     "
            AEREPL44   "REPLICATE WEIGHT                     "
            AEREPL45   "REPLICATE WEIGHT                     "
            AEREPL46   "REPLICATE WEIGHT                     "
            AEREPL47   "REPLICATE WEIGHT                     "
            AEREPL48   "REPLICATE WEIGHT                     "
            AEREPL49   "REPLICATE WEIGHT                     "
            AEREPL50   "REPLICATE WEIGHT                     ".

VALUE LABELS  AGE -1  'INAPPLICABLE'
                  -7  'REFUSED'
                  -8  'DK'
                  -9  'NOT ASCERTAINED'/
   AGEF -1  'INAPPLICABLE'  1 'IMPUTED VALUE'/
   RACEVERF -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
   MARISTAT -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
   MILFLG -1  'INAPPLICABLE'    1  'IMPUTED VALUE'/
   SICF -1  'INAPPLICABLE'      1  'IMPUTED VALUE'/
   SOCF -1  'INAPPLICABLE'      1  'IMPUTED VALUE'/
   HIGHGRAF -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
   HISPVERF -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
```

```
HSDIPLMF -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
INCOMRNF -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
UNDER16F -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
ATWORK -1  'INAPPLICABLE'
       -7  'REFUSED'
       -8  'DK'
       -9  'NOT ASCERTAINED'
        1  'YES'
        2  'NO'/
COMPLETE -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CORRESPN -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CRDEGREE -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
CURENROL -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
EMPLONLY -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
EMPLPROV -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
EMPLREAS -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
EMPLREQ -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'
         1  'YES'
         2  'NO'/
EMPLTIME -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
          2  'NO'/
FTSCHOOL -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'YES'
```

```
           2  'NO'/
HISPVER   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
HSDIPLMA  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
LICENSE   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDBUSI  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDEMPL  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDFAM   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDFED   -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDOTHR  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDPRIV  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDSTAT  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
PAIDUNIV  -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'YES'
           2  'NO'/
REQUIRE   -1  'INAPPLICABLE'
```

```
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TIMEOFF  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNCS    -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNEMPL  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNHLTH  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNMGMT  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNOTHER -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNPROF  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNQC    -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNSALES -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNSUPR  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
               -9  'NOT ASCERTAINED'
                1  'YES'
                2  'NO'/
      TRNTECH  -1  'INAPPLICABLE'
               -7  'REFUSED'
               -8  'DK'
```

```
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
TUITONE    -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
UNDER16    -1  'INAPPLICABLE'
           -7  'REFUSED'
           -8  'DK'
           -9  'NOT ASCERTAINED'
            1  'YES'
            2  'NO'/
CENSUSDV   -1  'INAPPLICABLE'
            1  'NEW ENGLAND'
            2  'MIDDLE ATLANTIC'
            3  'EAST NORTH CENTRAL'
            4  'WEST NORTH CENTRAL'
            5  'SOUTH ATLANTIC'
            6  'EAST SOUTH CENTRAL'
            7  'WEST SOUTH CENTRAL'
            8  'MOUNTAIN'
            9  'PACIFIC'/
CENSUSRG   -1  'INAPPLICABLE'
            1  'NORTHEAST'
            2  'MIDWEST'
            3  'SOUTH'
            4  'WEST'/
CLASHRS -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'/
CLASNUM -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'/
CLASUNIT -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'WEEKS'
          2  'MONTHS'
          3  'SEMESTERS'
          4  'QUARTERS'
          5  'YEARS'/
DEGREE -1  'INAPPLICABLE'
       -7  'REFUSED'
       -8  'DK'
       -9  'NOT ASCERTAINED'
        0  'INELIGIBLE TYPE REPORTED'
        1  '8TH GRADE CERTIFICATE OF COMPLETION'
        2  'HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)'
        3  'VOCATIONAL DIPLOMA OR CERTIFICATE'
        4  '2-YEAR DEGREE FROM COLLEGE OR TECHNICAL'
        5  '4-YEAR DEGREE FROM COLLEGE OR UNIVERSITY'
        6  'GRADUATE OR PROFESSIONAL DEGREE-CERTIF'
        7  'COLLEGE CERTIFICATE'
        8  'LICENSE'
       91  'OTHER (SPECIFY)'/
INCOMRNG -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          0  'BLANKS ALLOWED'
          1  '$5,000 OR LESS'
          2  '$5,001 TO $10,000'
```

```
              3  '$10,001 TO $15,000'
              4  '$15,001 TO $20,000'
              5  '$20,001 TO $25,000'
              6  '$25,001 TO $30,000'
              7  '$30,001 TO $40,000'
              8  '$40,001 TO $50,000'
              9  '$50,001 TO $75,000'
             10  'OVER $75,000'/
 MAILTV -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'
         1  'THROUGH THE MAIL'
         2  'BY TELEVISION OR RADIO'/
 OBTAIN -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'
         1  'OBTAIN LICENSE OR CERTIFICATION'
         2  'RENEW LICENSE OR CERTIFICATION'/
 OTNUM -1  'INAPPLICABLE'
       -7  'REFUSED'
       -8  'DK'
       -9  'NOT ASCERTAINED'/
 PAIDFREE -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'NO CHARGE'
           2  'CHARGE'/
 REGION -1  'INAPPLICABLE'
        -9  'NOT ASCERTAINED'
         1  'NORTHEAST'
         2  'CENTRAL'
         3  'SOUTHEAST'
         4  'WEST'/
 SPONTYPE -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'ELEMENTARY-JUNIOR HIGH-HIGH SCHOOL'
           2  '2-YR COMMUNITY-JR COLLEGE-TECHNICAL INST'
           3  '4-YR COLLEGE OR UNIVERSITY'
           4  'VOCA-TRADE-BUSINESS-HOSPITAL-FLIGHT SCHL'
           5  'TUTOR OR PRIVATE INSTRUCTOR'
           6  'BUSINESS OR INDUSTRY'
           7  'LABOR ORGANIZATION OR PROFESSIONAL ASSOC'
           8  'LIBRARY'
           9  'FEDERAL-STATE-COUNTY-LOCAL GOV''T AGENCY'
          10  'PRIVATE COMMUNITY ORGANIZATION'
          91  'SOMEONE ELSE'/
 TAKEREAS -1  'INAPPLICABLE'
          -7  'REFUSED'
          -8  'DK'
          -9  'NOT ASCERTAINED'
           1  'PERSONAL, FAMILY, OR SOCIAL REASON'
           2  'TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB'
           3  'TO TRAIN FOR A NEW JOB OR CAREER'
           4  'TO IMPROVE READING,WRITING,MATH SKILLS'
           5  'TO MEET REQUIREMENT FOR DIPLOMA-DEGREE'
          91  'OTHER REASON'/
 TAKING -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'
         1  'STILL TAKING COURSE'
         2  'DROPPED COURSE'/
 TUITION -1.00  'INAPPLICABLE'
```

```
        -7.00  'REFUSED'
        -8.00  'DK'
        -9.00  'NOT ASCERTAINED'/
TUITNUM -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'/
URBAN -1  'INAPPLICABLE'
      -9  'NOT ASCERTAINED'
       0  'NON'
       1  'MSA'
       2  'NECMA'/
HIGHGRAD -1  'INAPPLICABLE'
         -7  'REFUSED'
         -8  'DK'
         -9  'NOT ASCERTAINED'
          1  'UP TO EIGHTH GRADE'
          2  'NINTH TO ELEVENTH GRADE'
          3  'HIGH SCHOOL DIPLOMA OR EQUIVALENT'
          4  'VOCATIONAL-TECHNICAL AFTER HIGH SCHOOL'
          5  '1-2 YEARS OF COLLEGE'
          6  'ASSOCIATE''S DEGREE'
          7  '3-4 YEARS OF COLLEGE'
          8  'BACHELOR''S DEGREE'
          9  'GRADUATE OR PROFESSIONAL SCHOOL'/
SEXVER -1  'INAPPLICABLE'
       -7  'REFUSED'
       -8  'DK'
       -9  'NOT ASCERTAINED'
        1  'MALE'
        2  'FEMALE'/
SIC '-1'  'INAPPLICABLE'
    '-7'  'REFUSED'
    '-8'  'UNKNOWN'
    '-9'  'UNACCERTAINED'
    'A'  'AGRICULTURE, FORESTRY, AND FISHING'
    'B'  'MINING'
    'C'  'CONSTRUCTION'
    'D'  'MANUFACTURING'
    'D35'  'INDUSTRIAL MACHINERY AND EQUIPMENT'
    'D36'  'ELECTRONIC AND OTHER ELECTRIC EQUIPMENT'
    'D37'  'TRANSPORTATION EQUIPMENT'
    'E'  'TRANSPORTATION AND PUBLIC UTILITIES'
    'E41'  'LOCAL AND INTERURBAN PASSENGER TRANSIT'
    'E42'  'TRUCKING AND WAREHOUSING'
    'E43'  'U.S. POSTAL SERVICE'
    'E48'  'COMMUNICATIONS'
    'E49'  'ELECTRIC, GAS, AND SANITARY SERVICES'
    'F'  'WHOLESALE TRADE'
    'G'  'RETAIL TRADE'
    'H'  'FINANCE, INSURANCE, AND REAL ESTATE'
    'I'  'SERVICES'
    'I737'  'COMPUTER AND DATA PROCESSING'
    'I80'  'HEALTH SERVICES'
    'I81'  'LEGAL SERVICES'
    'I821'  'ELEMENTARY AND SECONDARY SCHOOLS'
    'I822'  'COLLEGES AND UNIVERSITIES'
    'I824'  'VOCATIONAL SCHOOL'
    'I87'  'ENGINEERING AND MANAGEMENT'
    'J'  'PUBLIC ADMINISTRATION'
    'J914'  'FEDERAL GOVERNMENT'
    'J915'  'STATE OR LOCAL GOVERNMENT'
    'J971'  'NATIONAL SECURITY'
    'K'  'NONCLASSIFIABLE ESTABLISHMENTS'/
SOC '-1'  'INAPPLICABLE'
    '-7'  'REFUSED'
    '-8'  'UNKNOWN'
    '-9'  'UNACCERTAINED'
```

```
     'A'  'EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIONS'
     'B'  'ENGINEERS, SURVEYORS, AND ARCHITECTS'
     'C'  'NATURAL SCIENTISTS, AND MATHEMATICIANS'
     'C171'  'COMPUTER SCIENTISTS'
     'D19'  'SOCIAL SCIENTISTS, AND URBAN PLANNERS'
     'D20'  'SOCIAL,RECREATION,AND RELIGIOUS WORKERS'
     'D21'  'LAWYERS AND JUDGES'
     'E22'  'TEACHERS'COLL.,UNIV.,POSTSECONDARY INST.'
     'E23'  'TEACHERS, EXCEPT POSTSECONDARY INST.'
     'E24'  'VOCATIONAL AND EDUCATIONAL COUNSELORS'
     'E25'  'LIBRARIANS, ARCHIVISTS, AND CURATORS'
     'F26'  'PHYSICIANS AND DENTISTS'
     'F27'  'VETERINARIANS'
     'F28'  'OTHER HEALTH DIAG-TREATING PRACTITIONERS'
     'G29'  'REGISTERED NURSES'
     'G30'  'PHARM.,DIET.,THERAPISTS,PHYSICIAN''S ASST'
     'H'  'WRITERS,ARTISTS,ENTERTAINERS, ATHLETES'
     'I'  'HEALTH TECHNOLOGISTS AND TECHNICIANS'
     'J37'  'ENGINEERING-TECHNOLOGISTS,TECHNICIANS'
     'J38'  'SCIENCE TECHNOLOGISTS AND TECHNICIANS'
     'J39'  'TECHNICIANS'EXCEPT HEALTH,ENG.,SCIENCE'
     'K'  'MARKETING AND SALES OCCUPATIONS'
     'L'  'ADMINISTRATIVE SUPPORT, INCL CLERICAL'
     'M'  'SERVICE OCCUPATIONS'
     'N'  'AGRICULTURE,FORESTRY,FISHING OCCUPATIONS'
     'O'  'MECHANICS AND REPAIRERS'
     'O611'  'VEHICLE,MOBILE EQUIP. MECHANICS-REPAIRER'
     'O615'  'ELECTRIC,ELECTRONIC EQUIPMENT REPAIRERS'
     'P'  'CONSTUCTION AND EXTRACTIVE OCCUPATIONS'
     'Q'  'PRECISION PRODUCTION OCCUPATIONS'
     'R'  'PRODUCTION WORKING OCCUPATIONS'
     'S'  'TRANSPORTATION, MATERIAL MOVING'
     'S821'  'MOTOR VEHICLE OPERATORS'
     'T'  'HANDLERS,EQUIP. CLEANERS,HELPERS,LABORER'
     'U'  'MILITARY OCCUPATIONS'
     'V'  'MISCELLANEOUS OCCUPATIONS'
     'Y'  'HOUSEWIFE'
     'Z'  'UNEMPL,RETIRED,DISABLED,UNCLASSIFIABLE'/
MARISTAT -1  'INAPPLICABLE'
    -7  'REFUSED'
    -8  'DK'
    -9  'NOT ASCERTAINED'
     1  'MARRIED'
     2  'SEPARATED'
     3  'DIVORCED'
     4  'WIDOWED'/
RACEVER -1  'INAPPLICABLE'
        -7  'REFUSED'
        -8  'DK'
        -9  'NOT ASCERTAINED'
         1  'WHITE'
         2  'BLACK'
         3  'NATIVE AMERICAN OR ALASKAN NATIVE'
         4  'ASIAN OR PACIFIC ISLANDER'
        91  'SOME OTHER RACE'/
OTNAME ' '   'NA-MISSING'
       '-1'  'INAPPLICABLE'
       '-7'  'REFUSED'
       '-8'  'DK'
       '-9'  'NOT ASCERTAINED'
      OTHER  'COURSE NAME'/
AEBASLIT  0  'NO'  1  'YES'/
AEDEGREQ  0  'NO'  1  'YES'/
AEEMPREA  0  'NO'  1  'YES'/
AEESL     0  'NO'  1  'YES'/
AELICNS   0  'NO'  1  'YES'/
AETRAIN   0  'NO'  1  'YES'/
CEMPREAS  0  'NO'  1  'YES'/
```

```
CREQUIRE  0  'NO'  1  'YES'/
CTRAIN    0  'NO'  1  'YES'/
FTBASESL  0  'NO'  1  'YES'/
FTDEGREE  0  'NO'  1  'YES'/
FTNONDEG  0  'NO'  1  'YES'/
AELABF   -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
SALARYF  -1  'INAPPLICABLE'  1  'IMPUTED VALUE'/
AEEVER
       0  'NEVER              '
       1  'PAST 12 MTHS       '
       2  'PAST 3Y N-PAST 12M'
       3  'BEFORE PAST 3YRS  '/
AEEMPREQ
         0   'NO                '
         1   'YES               '
         2   'N-EMP WHEN TAKING'/
RACEETHN
         1  'WHITE, NON-HISPANIC'
         2  'BLACK, NON-HISPANIC'
         3  'HISPANIC           '
         4  'ALL OTHER RACES    '/
HIDEGREE
         1  'LESS THAN H-S DIP'
         2  'H-S DIP-EQUIV    '
         3  'ASSOCIATE DEG    '
         4  'BACH DEG-HIGHER  '/
INCLEVEL
         1  '$10,000 OR LESS'
         2  '$10,001-$15,000'
         3  '$15,001-$20,000'
         4  '$20,001-$25,000'
         5  '$25,001-$30,000'
         6  '$30,001-$40,000'
         7  '$40,001-$50,000'
         8  '$50,001-$75,000'
         9  'OVER $75,000   '/
AELABOR
        1  'EMPLOYED           '
        2  'UNEMPLOYED         '
        3  'NOT IN LABOR FORCE'/
SCHOOLNG
         1  'UP TO 8TH GRD  '
         2  '9-11 GRADE     '
         3  '12TH GRADE     '
         4  'VOC AFTER H-S  '
         5  'SOME COLLEGE   '
         6  'ASSOCIATE DEG  '
         7  'BACH DEG-HIGHER'/
 SAMPSTAT
         1 'NONPARTICIPANT'
         2 'FULL-TIME DEGREE SEEKING'
         3 'OTHER(PART-TIME)'.
```

APPENDIX D

GUIDELINES FOR USING SAS AND SPSS-X

APPENDIX D

Guidelines for using SAS and SPSS-X

The files provided on the public release tape include SAS data files, SAS input card files, and VALUE cards for PROC FORMAT. The data files are in SAS system format created using SAS release 5.18. These files contain the questionnaire variables, flag variables, composite variables, weight variables and labels associated with each variable.

Because of the size of the data files, SAS users should use the '(KEEP=...)' and '(DROP=...)' options in the 'SET...;' and/or 'DATA...;' or 'PROC...;' statements when creating temporary working data sets. This will minimize space usage and maximize processing efficiency. Also, SAS users may want to override the default work space and memory allocation when working with large data files. Increasing the REGION value in the options of the //EXEC SAS statement of the JCL will override the default memory allocation. The //LIBRARY DD can be used to increase the capacity of the format library, if the user includes the large number of VALUE cards in the PROC FORMAT statement. The //WORK DD statement can be used to increase the work space. The //WORK DD statement card should be placed just after the //EXEC SAS or the //LIBRARY DD card, as shown in the following example:

```
//EXEC          SAS,REGION=2048K
//LIBRARY       DD SPACE=(TRK,(50,50,60))
//WORK          DD UNIT=SYSDA,SPACE=(24322,(1850,1000),,,ROUND)
//IN1           DD DSN=ADULT.SASLIB,DISP=SHR
//SYSIN         DD *

PROC FORMAT;
VALUE FYESNO
                -1      = 'INAPPLICABLE'
                -7      = 'REFUSED'
                -8      = 'DK'
                -9      = 'NOT ASCERTAINED'
                1       = 'YES'
                2       = 'NO';
VALUE FHIGHGRD
                -1      = 'INAPPLICABLE'
                -7      = 'REFUSED'
                -8      = 'DK'
                -9      = 'NOT ASCERTAINED'
                1       = 'UP TO EIGHTH GRADE'
                2       = 'NINTH TO ELEVENTH GRADE'
                3       = 'HIGH SCHOOL DIPLOMA OR EQUIVALENT'
                4       = 'VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL'
                5       = '1-2 YEARS OF COLLEGE'
                6       = 'ASSOCIATE''S DEGREE'
                7       = '3-4 YEARS OF COLLEGE'
                8       = 'BACHELORS'' DEGREE'
                9       = 'GRADUATE OR PROFESSIONAL SCHOOL';
```

```
PROC FREQ DATA=IN1.ADULT(KEEP=HIGHGRAD LIBMO);
FORMAT
                 HIGHGRAD FHIGHGRD.
                 LIBMO FYESNO.;
TABLES HIGHGRAD*LIBMO;
TITLE 'HIGHEST GRADE COMPLETED BY USED PUBLIC LIBRARY IN PAST MONTH';
```

The user may include in the PROC FORMAT only those VALUE cards for the variables which are needed for specific analyses. Once the PROC FORMAT has been established, users can include the FORMAT...; statements in any SAS data step or procedures.

The guidelines mentioned here are general suggestions. Each specific computer site will have its own set of requirements. The user should contact the technical assistance persons for the specific site to most efficiently utilize the system.

SPSS-X systems files may be created and used on most computer sites. SPSS-X control cards to read in the raw data file into an SPSS-X system file, as well as the variable label and value label statements, are included on the public release tape. Some of the guidelines mentioned above for SAS can also be applied to SPSS-X, such as keeping only the variables needed for the specific analysis and the use of the //WORK DD... statement to increase the work space. User should contact the technical assistance person for the specific site to obtain the information necessary to utilize SPSS-X most efficiently.

APPENDIX E

SAS CODE FOR COMPOSITE VARIABLES

```
************************************************************
** SOURCE:  PROGRAM TO CREATE A FILE WITH DERIVED VARS    **
**            TO BE MERGED ONTO THE ADULT FILE.           **
**            PCHLIB.CNTL(ADLTFILE) 8/31/91               **
************************************************************ ;


DATA
 (KEEP=BASEID PERSID MAINRSLT AGE RACE RACEVER
   HISPVER WORKWEEK VACATION WORKPAY LOOKWORK HISPANIC
   LOOKPUBL LOOKPRIV LOOKEMPL LOOKFRND LOOKADS CRDEGREE
   LASTACTY FTBASIC OTBASIC BASIC FTENGLSH OTENGL
   ENGLISH LICENSE1 LICENSE2 LICENSE3 LICENSE4
   PTDEGREE FTVOCA TAKEREA1 TAKEREA2 FTGED FTCERT
   TAKEREA3 TAKEREA4 EMPLREA1 EMPLREA2 EMPLREA3
   EMPLREA4 EMPLREQ1 EMPLREQ2 EMPLREQ3 EMPLREQ4
   EMPLTIM1 EMPLTIM2 EMPLTIM3 EMPLTIM4 FTASSOC
   FTBACHLR PTENROLL REQUIRE1 REQUIRE2 REQUIRE3
   REQUIRE4 FTNUM PTNUM OTNUM AECOURSE OTCLASS
   TRNMGMT1 TRNMGMT2 TRNMGMT3 TRNMGMT4 TRNSUPR1
   TRNSUPR2 TRNSUPR3 TRNSUPR4 TRNPROF1 TRNPROF2
   TRNPROF3 TRNPROF4 TRNTECH1 TRNTECH2 TRNTECH3
   TRNTECH4 TRNCS1 TRNCS2 TRNCS3 TRNCS4 TRNHLTH1
   TRNHLTH2 TRNHLTH3 TRNHLTH4 TRNQC1 TRNQC2 TRNQC3
   TRNQC4 TRNSALE1 TRNSALE2 TRNSALE3 TRNSALE4
   TRNEMPL1 TRNEMPL2 TRNEMPL3 TRNEMPL4 FTANY FTOTHER
   AEPAST3 CLASUNI1 CLASUNI2 CLASUNI3 CLASUNI4
   CLASNUM1 CLASNUM2 CLASNUM3 CLASNUM4 HIGHGRAD
   HSDIPLMA INCOMRNG
     RACEETHN AELABOR AEBASLIT AEESL AELICNS AEEMPREA
     AEDEGREQ AEEMPREQ AENUMCSE AEEVER AETRAIN FTDEGREE
     FTBASESL AEPARANY AEPARTIC AEPRTIME CEMPREA1
     CEMPREA2 CEMPREA3 CEMPREA4 CREQUIR1 CREQUIR2 CREQUIR3
     CREQUIR4 CTRAIN1 CTRAIN2 CTRAIN3 CTRAIN4 CNUMWKS1
     CNUMWKS2 CNUMWKS3 CNUMWKS4 INCLEVEL HIDEGREE SCHOOLNG
   SALARY FTNONDEG
   );

   LENGTH RACEETHN 2;
   LENGTH AELABOR  2;
   LENGTH AEBASLIT 2;
   LENGTH AEESL    2;
   LENGTH AELICNS  2;
   LENGTH AEEMPREA 2;
   LENGTH AEDEGREQ 2;
   LENGTH AEEMPREQ 2;
   LENGTH AENUMCSE 4;
   LENGTH AEEVER   2;
   LENGTH AETRAIN  2;
   LENGTH FTDEGREE 2;
   LENGTH FTBASESL 2;
   LENGTH AEPARANY 2;
   LENGTH AEPARTIC 2;
   LENGTH AEPRTIME 2;
   LENGTH CEMPREA1 2;
   LENGTH CEMPREA2 2;
   LENGTH CEMPREA3 2;
   LENGTH CEMPREA4 2;
   LENGTH CREQUIR1 2;
   LENGTH CREQUIR2 2;
   LENGTH CREQUIR3 2;
   LENGTH CREQUIR4 2;
   LENGTH CTRAIN1  2;
   LENGTH CTRAIN2  2;
   LENGTH CTRAIN3  2;
   LENGTH CTRAIN4  2;
```

```
  LENGTH CNUMWKS1 4;
  LENGTH CNUMWKS2 4;
  LENGTH CNUMWKS3 4;
  LENGTH CNUMWKS4 4;
  LENGTH INCLEVEL 2;
  LENGTH HIDEGREE 2;
  LENGTH SCHOOLNG 2;
  LENGTH SALARY   4;
  LENGTH FTNONDEG 2;
```

RACEETHN

```
IF HISPVER = 1 THEN RACEETHN = 3;
ELSE IF RACEVER = 2 THEN RACEETHN = 2;
ELSE IF RACEVER = 1 THEN RACEETHN = 1;
ELSE IF (RACEVER = 3 | RACEVER = 4 | RACEVER = 91)
   THEN RACEETHN = 4;
ELSE RACEETHN = .;

  ARRAY ANYMISS WORKWEEK LASTACTY FTBASIC OTBASIC BASIC FTASSOC
    FTENGLSH OTENGL ENGLISH LICENSE1-LICENSE4 FTCERT CRDEGREE
    PTDEGREE FTVOCA TAKEREA1-TAKEREA4 EMPLREA1-EMPLREA4
    FTBACHLR PTENROLL REQUIRE1-REQUIRE4 EMPLTIM1-EMPLTIM4
    EMPLREQ1-EMPLREQ4 FTNUM PTNUM OTNUM AECOURSE OTCLASS
    TRNMGMT1-TRNMGMT4 TRNSUPR1-TRNSUPR4 TRNPROF1-TRNPROF4
    TRNTECH1-TRNTECH4 TRNCS1-TRNCS4 TRNHLTH1-TRNHLTH4
    TRNQC1-TRNQC4 TRNSALE1-TRNSALE4 TRNEMPL1-TRNEMPL4
    FTANY FTOTHER FTGED FTCERT AEPAST3 CLASUNI1-CLASUNI4
    CLASNUM1-CLASNUM4 INCOMRNG HIGHGRAD;

  DO OVER ANYMISS;
    IF (ANYMISS=-1 ¦ ANYMISS=-7 ¦ ANYMISS=-8 ¦ ANYMISS=-9)
       THEN ANYMISS = .;
    END;
```

AEPRTIME

```
IF (OTCLASS = 1 | PTENROLL = 1)  THEN AEPRTIME = 1;
ELSE IF (OTCLASS = . & PTENROLL = .)   THEN AEPRTIME = .;
ELSE AEPRTIME = 0;
```

FTNONDEG

```
FTNONDEG = 0;
IF FTVOCA = 1 ¦ FTBASIC = 1 ¦ FTENGLSH = 1 ¦
 FTOTHER = 1 ¦ FTGED = 1  THEN FTNONDEG = 1;
```

SALARY

```
SALARY = .;
IF EARNAMT NE -1 THEN DO;
  IF EARNRATE = 6 THEN SALARY = EARNAMT * 26;
  ELSE IF EARNRATE = 5 THEN SALARY = EARNAMT;
  ELSE IF EARNRATE = 4 THEN SALARY = EARNAMT * 12;
  ELSE IF EARNRATE = 3 THEN SALARY = EARNAMT * 52;
  ELSE IF EARNRATE = 2 THEN SALARY = EARNAMT * 260;
  ELSE IF EARNRATE = 1 THEN DO;
IF 1 <= WORKHRS <= 39 THEN SALARY = EARNAMT * WORKHRS * 52;
ELSE IF WORKHRS >= 40 THEN SALARY = EARNAMT * 40 * 52;
  END;
   END;

SALARY = ROUND(SALARY,1);
 IF SALARY NE . THEN DO;
 IF SALARY <= 1000 THEN SALARY = 1000;
 ELSE IF SALARY >= 75000 THEN SALARY = 75000;
 END;
```

AEPARTIC

```
IF (PTENROLL=1 ¦ OTCLASS=1 ¦ FTVOCA=1 ¦ FTBASIC=1 ¦
   FTOTHER=1 ¦ FTENGLSH=1 ¦ FTGED=1 ) THEN AEPARTIC=1;
ELSE IF (PTENROLL=. & OTCLASS=. & FTVOCA =. & FTBASIC =.
   & FTENGLSH=. & FTGED =. & FTOTHER=.) THEN AEPARTIC=.;
ELSE AEPARTIC=0;
```

AELABOR

```
IF WORKWEEK=1 ¦ (WORKWEEK=2 & VACATION=1)
   THEN AELABOR=1;
ELSE IF (WORKPAY=2 ¦ (WORKWEEK=2 & VACATION=2)) & LOOKWORK=1
   & (LOOKPUBL=1 ¦ LOOKPRIV=1 ¦ LOOKEMPL=1 ¦ LOOKFRND=1 ¦
   LOOKADS=1) THEN AELABOR=2;
ELSE IF (WORKPAY=. & WORKWEEK=. & LOOKWORK=.) THEN AELABOR=.;
ELSE AELABOR=3;
```

AEBASLIT

```
IF (OTBASIC=1 ¦ TAKEREA1=4 ¦ TAKEREA2=4 ¦
   TAKEREA3=4 ¦ TAKEREA4=4 ¦ BASIC=1) THEN AEBASLIT=1;
ELSE IF AEPRTIME=0 THEN AEBASLIT=0;
ELSE IF (OTBASIC=. & BASIC=.)  THEN AEBASLIT=.;
ELSE AEBASLIT=0;
```

AEESL

```
IF OTENGL=1 ¦ ENGLISH=1 THEN AEESL=1;
ELSE IF AEPRTIME=0 THEN AEESL=0;
ELSE IF (OTENGL=. & ENGLISH=.)  THEN AEESL=.;
ELSE AEESL=0;
```

AELICNS

```
IF (LICENSE1=1 ¦ LICENSE2=1 ¦ LICENSE3=1 ¦ LICENSE4=1 ¦
   PTDEGREE=5) THEN AELICNS=1;
ELSE IF AEPRTIME=0 THEN AELICNS=0;
ELSE IF (LICENSE1=. & LICENSE2=. & LICENSE3=. & LICENSE4=.)
   & ((PTENROLL=2 ¦ PTENROLL=.) ¦ (PTENROLL = 1 & PTDEGREE = .))
   THEN AELICNS = .;
ELSE AELICNS=0;
```

AEEMPREA

```
IF (TAKEREA1=2 ¦ TAKEREA1=3 ¦ TAKEREA2=2 ¦
   TAKEREA2=3 ¦ TAKEREA3=2 ¦ TAKEREA3=3 ¦ TAKEREA4=2 ¦
   TAKEREA4=3 ¦ EMPLREA1=1 ¦ EMPLREA2=1 ¦ EMPLREA3=1 ¦
   EMPLREA4=1) THEN AEEMPREA=1;
ELSE IF AEPRTIME=0 THEN AEEMPREA=0;
ELSE IF (TAKEREA1=. & TAKEREA2=. & TAKEREA3=. &
   TAKEREA4=. & EMPLREA1=. & EMPLREA2=. & EMPLREA3=.
   & EMPLREA4=.)  THEN AEEMPREA=.;
ELSE AEEMPREA=0;
```

AEDEGREQ

```
IF (PTENROLL=1 ¦ TAKEREA1=5 ¦ TAKEREA2=5 ¦
   TAKEREA3=5 ¦  TAKEREA4=5 ¦ REQUIRE1=1 ¦ REQUIRE2=1 ¦
   REQUIRE3=1 ¦ REQUIRE4=1)  THEN AEDEGREQ=1;
ELSE IF AEPRTIME=0 THEN AEDEGREQ=0;
ELSE IF (PTENROLL = . & TAKEREA1 = .
   & TAKEREA2=. & TAKEREA3=. & TAKEREA4=. & REQUIRE1=.
   & REQUIRE2=. & REQUIRE3=. & REQUIRE4=.)
   THEN AEDEGREQ=.;
ELSE AEDEGREQ=0;
```

AEEMPREQ

```
IF EMPLREQ1=1 ¦ EMPLREQ2=1 ¦ EMPLREQ3=1 ¦
   EMPLREQ4=1  THEN AEEMPREQ=1;
ELSE IF (EMPLTIM1=2 & EMPLTIM2=2 & EMPLTIM3=2 &
   EMPLTIM4=2) ¦ (EMPLTIM1=2 & EMPLTIM2=. & EMPLTIM3=.
   & EMPLTIM4=.) ¦ (EMPLTIM1=2 & EMPLTIM2=2 & EMPLTIM3=. &
   EMPLTIM4=.) ¦ (EMPLTIM1=2 & EMPLTIM2=2 & EMPLTIM3=2  &
   EMPLTIM4=.)  THEN AEEMPREQ=2;
ELSE IF AEPRTIME=0 THEN AEEMPREQ=0;
ELSE IF (EMPLREQ1=. & EMPLREQ2=. & EMPLREQ3=. & EMPLREQ4=.)
   THEN AEEMPREQ=.;
ELSE AEEMPREQ=0;
```

AENUMCSE

```
IF PTNUM=. THEN PTNUM=0;
IF OTNUM=. THEN OTNUM=0;
AENUMCSE= PTNUM + OTNUM;
```

AEEVER

```
IF AEPRTIME=1 THEN AEEVER=1;
ELSE IF AECOURSE=1 & AEPAST3=1 THEN AEEVER=2;
ELSE IF AECOURSE=1 & (AEPAST3=2 ¦ AEPAST3=.)  THEN AEEVER=3;
ELSE IF (AECOURSE=. & AEPRTIME=.)  THEN AEEVER=.;
ELSE AEEVER=0;
```

AETRAIN

```
IF (TRNMGMT1=1 ¦ TRNMGMT2=1 ¦ TRNMGMT3=1 ¦
   TRNMGMT4=1 ¦ TRNSUPR1 = 1 ¦ TRNSUPR2 = 1 ¦ TRNSUPR3 = 1 ¦
   TRNSUPR4 = 1 ¦ TRNPROF1 = 1 ¦ TRNPROF2 = 1 ¦ TRNPROF3 = 1 ¦
   TRNPROF4 = 1  ¦ TRNTECH1 = 1 ¦ TRNTECH2 = 1 ¦ TRNTECH3 = 1 ¦
   TRNTECH4 = 1 ¦ TRNCS1   = 1 ¦ TRNCS2  = 1 ¦ TRNCS3 = 1 ¦
   TRNCS4   = 1  ¦ TRNHLTH1 = 1 ¦ TRNHLTH2 = 1 ¦ TRNHLTH3 = 1 ¦
   TRNHLTH4 = 1 ¦ TRNQC1   = 1 ¦ TRNQC2  = 1 ¦ TRNQC3 = 1 ¦
   TRNQC4   = 1  ¦ TRNSALE1 = 1 ¦ TRNSALE2 = 1 ¦ TRNSALE3 = 1 ¦
   TRNSALE4 = 1 ¦ TRNEMPL1 = 1 ¦ TRNEMPL2 = 1 ¦ TRNEMPL3 = 1 ¦
   TRNEMPL4 = 1)
  THEN AETRAIN = 1;
ELSE AETRAIN = 0;
```

FTDEGREE

```
IF FTASSOC = 1 ¦ FTBACHLR = 1 ¦ FTCERT = 1
   THEN FTDEGREE = 1;
ELSE FTDEGREE = 0;
```

FTBASESL

```
IF FTBASIC = 1 ¦ FTENGLSH = 1 THEN FTBASESL = 1;
ELSE FTBASESL = 0;
```

AEPARANY

```
IF (FTASSOC = 1 | FTBACHLR = 1 | FTVOCA = 1 |
  FTBASIC = 1 | FTENGLSH=1 | FTOTHER=1 | FTGED=1 |
  FTCERT = 1 | PTENROLL = 1 | OTCLASS = 1) THEN AEPARANY = 1;
ELSE IF (FTANY=. & PTENROLL=. & OTCLASS=.) THEN AEPARANY = .;
ELSE AEPARANY = 0;
```

CEMPREA(n)

```
IF TAKEREA1=2 | TAKEREA1=3 | EMPLREA1=1
  THEN CEMPREA1= 1;
ELSE IF (TAKEREA1=. & EMPLREA1=.):THEN CEMPREA1=.;
ELSE CEMPREA1=0;


IF TAKEREA2=2 | TAKEREA2=3 | EMPLREA2=1
  THEN CEMPREA2= 1;
ELSE IF (TAKEREA2=. & EMPLREA2=.)  THEN CEMPREA2=.;
ELSE CEMPREA2=0;


IF TAKEREA3=2 | TAKEREA3=3 | EMPLREA3=1
  THEN CEMPREA3= 1;
ELSE IF (TAKEREA3=. & EMPLREA3=.)  THEN CEMPREA3=.;
ELSE CEMPREA3=0;


IF TAKEREA4=2 | TAKEREA4=3 | EMPLREA4=1
  THEN CEMPREA4= 1;
ELSE IF (TAKEREA4=. & EMPLREA4=.)  THEN CEMPREA4=.;
ELSE CEMPREA4=0;
```

CREQUIR(n)

```
IF TAKEREA1=5 | REQUIRE1=1 THEN CREQUIR1=1;
ELSE IF (TAKEREA1=. & REQUIRE1=.)  THEN CREQUIR1=.;
ELSE IF CRDEGREE = 1 THEN CREQUIR1 = 1;
ELSE CREQUIR1=0;

IF TAKEREA2=5 | REQUIRE2=1 THEN CREQUIR2=1;
ELSE IF (TAKEREA2=. & REQUIRE2=.) THEN CREQUIR2=.;
ELSE IF CRDEGREE = 1 THEN CREQUIR2 = 1;
ELSE CREQUIR2=0;

IF TAKEREA3=5 | REQUIRE3=1 THEN CREQUIR3=1;
ELSE IF (TAKEREA3=. & REQUIRE3=.)  THEN CREQUIR3=.;
ELSE IF CRDEGREE = 1 THEN CREQUIR3 = 1;
ELSE CREQUIR3=0;

IF TAKEREA4=5 | REQUIRE4=1 THEN CREQUIR4=1;
ELSE IF (TAKEREA4=. & REQUIRE4=.)  THEN CREQUIR4=.;
ELSE IF CRDEGREE = 1 THEN CREQUIR4 = 1;
ELSE CREQUIR4 = 0;
```

CTRAIN(n)

```
IF (TRNMGMT1=1 | TRNSUPR1=1 | TRNPROF1=1 |
   TRNTECH1=1 | TRNCS1=1 | TRNHLTH1=1 | TRNQC1=1 |
   TRNSALE1=1 | TRNEMPL1= 1) THEN CTRAIN1=1;
ELSE IF (TRNMGMT1=. & TRNSUPR1=. & TRNPROF1=. & TRNTECH1=.
  & TRNCS1 =. & TRNHLTH1=. & TRNQC1=. & TRNSALE1 = .
  & TRNEMPL1=.)  THEN CTRAIN1=.;
ELSE CTRAIN1=0;
```

```
IF (TRNMGMT2=1 | TRNSUPR2=1 | TRNPROF2=1 |
   TRNTECH2= 1 | TRNCS2=1 | TRNHLTH2=1 | TRNQC2=1 |
   TRNSALE2=1 | TRNEMPL2= 1)  THEN CTRAIN2=1;
ELSE IF (TRNMGMT2=. & TRNSUPR2=. & TRNPROF2=. & TRNTECH2=.
   & TRNCS2 =. & TRNHLTH2=. & TRNQC2=. & TRNSALE2 = .
   & TRNEMPL2=.)  THEN CTRAIN2=.;
ELSE CTRAIN2=0;

IF (TRNMGMT3=1 | TRNSUPR3=1 | TRNPROF3=1 |
   TRNTECH3= 1 | TRNCS3=1 | TRNHLTH3=1 | TRNQC3=1 |
   TRNSALE3=1 | TRNEMPL3= 1) THEN CTRAIN3=1;
ELSE IF (TRNMGMT3=. & TRNSUPR3=. & TRNPROF3=. & TRNTECH3=.
   & TRNCS3 =. & TRNHLTH3=. & TRNQC3=. & TRNSALE3 = .
   & TRNEMPL3=.)  THEN CTRAIN3=.;
ELSE CTRAIN3=0;

IF (TRNMGMT4=1 | TRNSUPR4=1 | TRNPROF4=1 |
   TRNTECH4= 1 | TRNCS4=1 | TRNHLTH4=1 | TRNQC4=1 |
   TRNSALE4=1 | TRNEMPL4= 1)  THEN CTRAIN4=1;
ELSE IF (TRNMGMT4=. & TRNSUPR4=. & TRNPROF4=. & TRNTECH4=.
   & TRNCS4 =. & TRNHLTH4=. & TRNQC4=. & TRNSALE4 = .
   & TRNEMPL4=.)  THEN CTRAIN4=.;
ELSE CTRAIN4 = 0;
```

CNUMWKS(n)

```
IF CLASUNI1 = 1 THEN CNUMWKS1 = CLASNUM1;
ELSE IF CLASUNI1 = 2 THEN CNUMWKS1 = CLASNUM1*4;
ELSE IF CLASUNI1 = 3 THEN CNUMWKS1 = CLASNUM1*16;
ELSE IF CLASUNI1 = 4 THEN CNUMWKS1 = CLASNUM1*12;
ELSE IF CLASUNI1 = 5 THEN CNUMWKS1 = CLASNUM1*52;
ELSE CNUMWKS1 = .;

IF CLASUNI2 = 1 THEN CNUMWKS2 = CLASNUM2;
ELSE IF CLASUNI2 = 2 THEN CNUMWKS2 = CLASNUM2*4;
ELSE IF CLASUNI2 = 3 THEN CNUMWKS2 = CLASNUM2*16;
ELSE IF CLASUNI2 = 4 THEN CNUMWKS2 = CLASNUM2*12;
ELSE IF CLASUNI2 = 5 THEN CNUMWKS2 = CLASNUM2*52;
ELSE CNUMWKS2 = .;

IF CLASUNI3 = 1 THEN CNUMWKS3 = CLASNUM3;
ELSE IF CLASUNI3 = 2 THEN CNUMWKS3 = CLASNUM3*4;
ELSE IF CLASUNI3 = 3 THEN CNUMWKS3 = CLASNUM3*16;
ELSE IF CLASUNI3 = 4 THEN CNUMWKS3 = CLASNUM3*12;
ELSE IF CLASUNI3 = 5 THEN CNUMWKS3 = CLASNUM3*52;
ELSE CNUMWKS3 = .;

IF CLASUNI4 = 1 THEN CNUMWKS4 = CLASNUM4;
ELSE IF CLASUNI4 = 2 THEN CNUMWKS4 = CLASNUM4*4;
ELSE IF CLASUNI4 = 3 THEN CNUMWKS4 = CLASNUM4*16;
ELSE IF CLASUNI4 = 4 THEN CNUMWKS4 = CLASNUM4*12;
ELSE IF CLASUNI4 = 5 THEN CNUMWKS4 = CLASNUM4*52;
ELSE CNUMWKS4 = .;
```

INCLEVEL

```
IF INCOMRNG = 1 | INCOMRNG = 2 THEN INCLEVEL = 1;
ELSE IF INCOMRNG = 3 THEN INCLEVEL = 2;
ELSE IF INCOMRNG = 4 THEN INCLEVEL = 3;
ELSE IF INCOMRNG = 5 THEN INCLEVEL = 4;
ELSE IF INCOMRNG = 6 THEN INCLEVEL = 5;
ELSE IF INCOMRNG = 7 THEN INCLEVEL = 6;
ELSE IF INCOMRNG = 8 THEN INCLEVEL = 7;
ELSE IF INCOMRNG = 9 THEN INCLEVEL = 8;
ELSE IF INCOMRNG = 10 THEN INCLEVEL = 9;
ELSE IF INCOMRNG = . THEN INCLEVEL = .;
```

HIDEGREE

```
IF HIGHGRAD = 8 | HIGHGRAD = 9 THEN HIDEGREE = 4;
ELSE IF HIGHGRAD = 6 THEN HIDEGREE = 3;
ELSE IF ((HIGHGRAD = 4 | HIGHGRAD = 5) & HSDIPLMA = 1) |
HIGHGRAD = 3 | HIGHGRAD = 7 THEN HIDEGREE = 2;
ELSE IF HIGHGRAD=1 | HIGHGRAD=2 | HIGHGRAD=4 | HIGHGRAD=5
    THEN HIDEGREE = 1;
ELSE IF HIGHGRAD = . THEN HIDEGREE = .;
```

SCHOOLNG

```
IF HIGHGRAD = 1 THEN SCHOOLNG = 1;
ELSE IF HIGHGRAD = 2 THEN SCHOOLNG = 2;
ELSE IF HIGHGRAD = 3 THEN SCHOOLNG = 3;
ELSE IF HIGHGRAD = 4 THEN SCHOOLNG = 4;
ELSE IF HIGHGRAD = 5 | HIGHGRAD = 7 THEN SCHOOLNG = 5;
ELSE IF HIGHGRAD = 6 THEN SCHOOLNG = 6;
ELSE IF HIGHGRAD = 8 | HIGHGRAD = 9 THEN SCHOOLNG = 7;
ELSE IF HIGHGRAD = . THEN SCHOOLNG = .;
```

```
    LABEL RACEETHN = 'D-RACE-ETHNICITY'
    AELABOR  = 'D-LABOR FORCE STATUS'
    AEBASLIT = 'D-ADULT EDUCATION TO IMPROVE SKILLS'
    AEESL    = 'D-ADULT EDUCATION F/ENGLISH AS 2ND LANG'
    AELICNS  = 'D-ADULT EDUCATION F/LICENSE/CERTIFICATE'
    AEEMPREA = 'D-ADULT EDUCATION F/JOB-RELATED REASON'
    AEDEGREQ = 'D-ADULT EDUCATION REQUIRED F/DEGREE'
    AEEMPREQ = 'D-ADULT EDUCATION REQUIRED BY EMPLOYER'
    AENUMCSE = 'D-TOTAL # AE COURSES TAKEN IN PAST 12M'
    AEEVER   = 'D-EVER PARTICIPATED IN ADULT EDUCATION'
    AETRAIN  = 'D-ADULT EDUCATION W/TRAINING COMPONENT'
    FTDEGREE = 'D-FULLTIME ASSOC/BACH DEGREE PROGRAM'
    FTBASESL = 'D-F/T BASIC SKILLS/ESL COURSE'
    AEPARANY = 'D-ADULT EDUC INCLUDING F/T DEGREE PROG'
    AEPARTIC = 'D-ADULT EDUC EXCLUDING F/T DEGREE PGMS'
    AEPRTIME = 'D-ADULT EDUC. EXCLUDING F/T PROGRAM'
    CEMPREA1 = 'D-REASON F/TAKING COURSE-1 JOB RELATED'
    CEMPREA2 = 'D-REASON F/TAKING COURSE-2 JOB RELATED'
    CEMPREA3 = 'D-REASON F/TAKING COURSE-3 JOB RELATED'
    CEMPREA4 = 'D-REASON F/TAKING COURSE-4 JOB RELATED'
    CREQUIR1 = 'D-CRSE-1 REQ F/CERT OF COMPLETION/DIPL'
    CREQUIR2 = 'D-CRSE-2 REQ F/CERT OF COMPLETION/DIPL'
    CREQUIR3 = 'D-CRSE-3 REQ F/CERT OF COMPLETION/DIPL'
    CREQUIR4 = 'D-CRSE-4 REQ F/CERT OF COMPLETION/DIPL'
    CTRAIN1  = 'D-ANY TRAINING COMPONENT COURSE-1'
    CTRAIN2  = 'D-ANY TRAINING COMPONENT COURSE-2'
    CTRAIN3  = 'D-ANY TRAINING COMPONENT COURSE-3'
    CTRAIN4  = 'D-ANY TRAINING COMPONENT COURSE-4'
    CNUMWKS1 = 'D-#WEEKS COURSE-1 SCHEDULED TO RUN'
    CNUMWKS2 = 'D-#WEEKS COURSE-2 SCHEDULED TO RUN'
    CNUMWKS3 = 'D-#WEEKS COURSE-3 SCHEDULED TO RUN'
    CNUMWKS4 = 'D-#WEEKS COURSE-4 SCHEDULED TO RUN'
    INCLEVEL = 'D-LEVEL OF INCOME'
    HIDEGREE = 'D-HIGHEST DEGREE ATTAINED'
    SCHOOLNG = 'D-YEARS OF SCHOOL COMPLETED'
    FTNONDEG = 'D-F/T NONDEG PGM'
    SALARY   = 'D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB'
  ;
```

Note: All composite variables created by the CATI system are not included in this section (e.g., OTCLASS).

APPENDIX F

CODEBOOKS:

ADULT FILE AND COURSE FILE

ADULT FILE CODEBOOK

PERSID = PERS KEY = BASEID || 2-DIGIT PERSNUM

PERS KEY = BASEID || 2-DIGIT PERSNUM

POSITION: 1-9
FORMAT: A9

AGE = AGE AS OF JANUARY 1,1991

S10A. What is your age?
A42. In what month and year were you born?

POSITION: 10-11
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
ADULT'S AGE	16-80	12568	100.0%	100.0%
TOTALS:		12568	100.0%	100.0%

LIVENOW = S15 WHERE DOES PERSON LIVE NOW

S15. Is (NAME) living there, in student housing, or somewhere else?

POSITION: 12-13
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
HERE	1	5133	40.8%	97.6%
STUDENT HOUSING	2	250	2.0%	2.4%
RESERVED CODES:				
INAPPLICABLE	-1	7177	57.1%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	6	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

NUMPERS = S17 TOTAL NUMBER OF PEOPLE LIVING IN HH

S17. What is the total number of people living in your household, including all children and adults?

POSITION: 14-15
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF PEOPLE	1-15	12568	100.0%	100.0%
TOTALS:		12568	100.0%	100.0%

HOMETYPE = S19 TYPE OF HOME

S19. What kind of home do you live in?

POSITION: 16-17
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
SINGLE FAMILY HOUSE OR TOWNHOUSE	1	9810	78.1%	75.4%
APARTMENT	2	2040	16.2%	16.8%
SOME OTHER TYPE OF HOME	3	682	5.4%	7.8%
RESERVED CODES:				
REFUSED	-7	27	0.2%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OWNHOME = S20 OWN HOME

S20. Do you own your home, rent your home, or have some other arrangement?

POSITION: 18-19
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
OWN YOUR HOME	1	8875	70.6%	67.6%
RENT YOUR HOME	2	3369	26.8%	29.7%
HAVE SOME OTHER ARRANGEMENT	3	324	2.6%	2.7%
TOTALS:		12568	100.0%	100.0%

INCOMRNG = S22A TOTAL HOUSEHOLD INCOME - RANGE

S22. In studies like this, households are sometimes grouped according to income. Can you tell me which group best describes an estimate of the total income of all persons in your household over the past year. Please include income from all sources, such as salaries or other earnings, interest, retirement, and so on for all household members.
(Was it/Which of the following ranges includes your household income?)

POSITION: 20-21
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
$5,000 OR LESS	1	306	2.4%	5.6%
$5,001 TO $10,000	2	546	4.3%	9.5%
$10,001 TO $15,000	3	677	5.4%	8.6%
$15,001 TO $20,000	4	742	5.9%	8.9%
$20,001 TO $25,000	5	857	6.8%	8.8%
$25,001 TO $30,000	6	1375	10.9%	9.9%
$30,001 TO $40,000	7	2095	16.7%	14.4%
$40,001 TO $50,000	8	1943	15.5%	11.7%
$50,001 TO $75,000	9	2392	19.0%	13.5%
OVER $75,000	10	1635	13.0%	9.2%
TOTALS:		12568	100.0%	100.0%

FTANY = A1INTRO ENROLLED AS FT STUDENT PAST 12

A1INTRO. First, have you been enrolled as a full-time student in any kind of school, training program, or other educational program in the past 12 months, that is since (INTERVIEW MONTH) 1, 1990?

POSITION: 22-23
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2170	17.3%	9.8%
NO	2	10394	82.7%	90.2%
RESERVED CODES:				
REFUSED	-7	2	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTSCHOOL = A1A FT ELEMENTARY OR HIGH SCHOOL

A1A. In which of the following types of full-time educational programs were you enrolled?
a. An elementary school, junior high school, or high school program?

POSITION: 24-25
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	179	1.4%	11.7%
NO	2	1990	15.8%	88.3%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTASSOC = A1B FT ASSOCIATE'S DEGREE PROGRAM

A1A. In which of the following types of full-time educational programs were you enrolled?
b. A program leading to an associate's degree?

POSITION: 26-27
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	524	4.2%	23.1%
NO	2	1643	13.1%	76.9%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
DK	-8	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTBACHLR = A1C FT BACHELOR'S DEGREE PROGRAM

A1A. In which of the following types of full-time educational programs were you enrolled?
c. A program leading to a bachelor's or more advanced degree?

POSITION: 28-29
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1379	11.0%	63.4%
NO	2	787	6.3%	36.6%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
DK	-8	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTVOCA = A1D FT VOCATIONAL/OCCUPATIONAL TRAINING

A1A. In which of the following types of full-time educational programs were you enrolled?
d. A vocational or occupational training program after completing or leaving high school?

POSITION: 30-31
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	479	3.8%	17.2%
NO	2	1690	13.4%	82.8%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTBASIC = A1E FT ADULT LITERACY/BASIC SKILLS PRGRM

A1A. In which of the following types of full-time educational programs were you enrolled?
e. An adult literacy or basic skills program

POSITION: 32-33
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	86	0.7%	3.6%
NO	2	2083	16.6%	96.4%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTENGLSH = A1F FT ENGLISH AS 2ND LANGUAGE PROGRAM

A1A. In which of the following types of full-time educational programs were you enrolled?
f. An English as a Second Language (ESL) program

POSITION: 34-35
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	54	0.4%	2.3%
NO	2	2115	16.8%	97.7%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTOTHER = A1G FT SOME OTHER PROGRAM

A1A. In which of the following types of full-time educational programs were you enrolled?
g. Some other program

POSITION: 36-37
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	56	0.4%	2.4%
NO	2	2114	16.8%	97.6%
RESERVED CODES:				
INAPPLICABLE	-1	10398	82.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTGED = A1H ENROLLED FT IN GED PROGRAM-RECODE

A1A. In which of the following types of full-time educational programs were you enrolled?
h. GED

POSITION: 38-39
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	10	0.1%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	12558	99.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTCERT = A1I ENROLLED FT-PROF CERTIFICATE-RECODE

A1A. In which of the following types of full-time educational programs were you enrolled?
i. Certification/recertification.

POSITION: 40-41
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	10	0.1%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	12558	99.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

CURENROL = A1B CURRENTLY ENROLLED AS FULL-TIME STDNT

A1B. Are you currently enrolled as a full-time student in an elementary school, junior high school, or high school program?

POSITION: 42-43
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	2	179	1.4%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	12389	98.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

FTNUM = A2 # CLASSES AS FT STUDENT PAST 12

A2. [Not counting high school courses] How many total courses did you take as a full-time student in the past 12 months?

POSITION: 44-45
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF CLASSES	1-40	1975	15.7%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	10509	83.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	25	0.2%	(MISS)
NOT ASCERTAINED	-9	58	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PTENROLL = A4 ENROLLED AS PT STUDENT PAST 12

A4. [In addition to your full-time studies] Have you been enrolled as a part-time student at a college or university in an associate's, bachelor's, or graduate degree program, in the past 12 months?

POSITION: 46-47
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1317	10.5%	3.9%
NO	2	11246	89.5%	96.1%
RESERVED CODES:				
REFUSED	-7	2	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PTDEGREE = A5 SEEKING PART-TIME DEGREE

A5. What degree are or were you seeking as a part-time college student?

POSITION: 48-49
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
ASSOCIATE'S DEGREE	1	455	3.6%	35.1%
BACHELOR'S DEGREE	2	455	3.6%	35.6%
MASTER'S DEGREE	3	303	2.4%	22.6%
DOCTORATE	4	28	0.2%	1.9%
PROFESSIONAL (RE)CERTIFICATION	5	34	0.3%	2.3%
OTHER DEGREE (SPECIFY)	91	28	0.2%	2.4%
RESERVED CODES:				
INAPPLICABLE	-1	11251	89.5%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	6	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PTNUM = A6 # PART-TIME CLASSES FOR CREDIT

A6. How many courses did you take as a part-time student for credit toward your degree in the past 12 months, including any that you did not complete?

POSITION: 50-51
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF CLASSES	1-25	1308	10.4%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	11251	89.5%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTNONCR = A8A CONTINUING EDUCATION/NONCREDIT COURS

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
a. Continuing education courses or noncredit courses?

POSITION: 52-53
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3461	27.5%	12.0%
NO	2	9100	72.4%	88.0%
RESERVED CODES:				
REFUSED	-7	1	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTCORRS = A8B COURSES BY MAIL,TV,RADIO,NEWSPAPER

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
b. Courses by mail, television, radio or newspaper?

POSITION: 54-55
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	494	3.9%	1.6%
NO	2	12072	96.1%	98.4%
RESERVED CODES:				
REFUSED	-7	1	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTPRIV = A8C PRIVATE INSTRUCTION OR TUTORING

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
c. Private instruction or tutoring?

POSITION: 56-57
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	728	5.8%	2.9%
NO	2	11835	94.2%	97.1%
RESERVED CODES:				
REFUSED	-7	1	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTGROUP = A8D ED ACTIVITY BY EMPLOYER,COMMUNITY

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
d. Educational or training activities given by an employer, labor organization, neighborhood center, church, or community group?

POSITION: 58-59
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	5890	46.9%	22.5%
NO	2	6672	53.1%	77.5%
RESERVED CODES:				
REFUSED	-7	2	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTBASIC = A8E INSTRUCTION IN BASIC SKILLS

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
e. Instruction in basic skills such as math, or reading and writing English?

POSITION: 60-61
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	412	3.3%	1.3%
NO.....................................	2	12153	96.7%	98.7%
RESERVED CODES:				
REFUSED...........................	-7	1	0.0%	(MISS)
DK................................	-8	1	0.0%	(MISS)
NOT ASCERTAINED...................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTENGL = A8F INSTRUCTION IN ENGLISH AS 2ND LANGUA

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
f. Instruction in English as a Second Language?

POSITION: 62-63
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	154	1.2%	0.6%
NO.....................................	2	12409	98.7%	99.4%
RESERVED CODES:				
REFUSED...........................	-7	1	0.0%	(MISS)
DK................................	-8	3	0.0%	(MISS)
NOT ASCERTAINED...................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTOTHER = A8G OTHER ORGANIZED ED ACTIVITY

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
g. Or, any other organized educational activity?

POSITION: 64-65
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	162	1.3%	0.6%
NO.....................................	2	12400	98.7%	99.4%
RESERVED CODES:				
REFUSED...........................	-7	1	0.0%	(MISS)
DK................................	-8	4	0.0%	(MISS)
NOT ASCERTAINED...................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTGED = A8H GED/HS COMPLETION-RECODE

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
h. GED

POSITION: 66-67
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	26	0.2%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12542	99.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTCOMP = A8I COMPUTERS-RECODE

A8. Now I'm going to read you a short list of other kinds of adult education. [Not counting (full-time school) (or) (part-time courses taken for credit toward a degree)] Please tell me whether you have been involved in any of these in the past 12 months.
i. Computers (unspecified)

POSITION: 68-69
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	38	0.3%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	12530	99.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTCLASS = D-OTHER CLASSES TAKEN DURING PAST 12 MO

A8. Other classes taken during the past months?

POSITION: 70-71
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	7878	62.7%	29.7%
NO...................................	2	4690	37.3%	70.3%
TOTALS:		12568	100.0%	100.0%

OTNUM = A9 # OTHER CLASSES TAKEN DURING PAST 12

A9. [Not counting (full-time school) (or) (part-time classes for credit toward a degree)] How many separate adult education activities have you participated in during the past 12 months, including any that you did not complete?

POSITION: 72-73
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF OTHER COURSES...............	1-40	7634	60.7%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	4690	37.3%	(MISS)
REFUSED...........................	-7	11	0.1%	(MISS)
DK................................	-8	66	0.5%	(MISS)
NOT ASCERTAINED...................	-9	167	1.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTNAME1 = A10 MOST RECENT AE CLASS 1

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree)) can you tell me the name(s) of the (four most recent) adult education activit(y/ies) or course(s). (VERIFY: PAST 12 MONTHS ONLY)
NAME 1

POSITION: 74-113
FORMAT: A40

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................		5	0.0%	(MISS)
COURSE NAME...........................	COURSE NAME	8262	65.7%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	4065	32.3%	(MISS)
REFUSED...........................	-7	46	0.4%	(MISS)
DK................................	-8	11	0.1%	(MISS)
NOT ASCERTAINED...................	-9	179	1.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTNAME2 = A10 MOST RECENT AE CLASS 2

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree)) can you tell me the name(s) of the (four most recent) adult education activit(y/ies) or course(s). (VERIFY: PAST 12 MONTHS ONLY)
NAME 2

POSITION: 114-153
FORMAT: A40

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING		4	0.0%	(MISS)
COURSE NAME	COURSE NAME	4633	36.9%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	7891	62.8%	(MISS)
REFUSED	-7	28	0.2%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTNAME3 = A10 MOST RECENT AE CLASS 3

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree)) can you tell me the name(s) of the (four most recent) adult education activit(y/ies) or course(s). (VERIFY: PAST 12 MONTHS ONLY)
NAME 3

POSITION: 154-193
FORMAT: A40

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING		8	0.1%	(MISS)
COURSE NAME	COURSE NAME	2872	22.9%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	9649	76.8%	(MISS)
REFUSED	-7	28	0.2%	(MISS)
DK	-8	9	0.1%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OTNAME4 = A10 MOST RECENT AE CLASS 4

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree)) can you tell me the name(s) of the (four most recent) adult education activit(y/ies) or course(s). (VERIFY: PAST 12 MONTHS ONLY)
NAME 4

POSITION: 194-233
FORMAT: A40

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING		9	0.1%	(MISS)
COURSE NAME	COURSE NAME	1805	14.4%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	10720	85.3%	(MISS)
REFUSED	-7	24	0.2%	(MISS)
DK	-8	10	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

CRDEGREE = A11 CLASSES FOR CREDIT TOWARD DEGREE

A11. Are all of the courses you just mentioned for credit toward your degree?

POSITION: 234-235
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	784	6.2%	76.2%
NO	2	225	1.8%	23.8%
RESERVED CODES:				
INAPPLICABLE	-1	11545	91.9%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	10	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKEREA1 = A13 MAIN REASON FOR TAKING A10 CL REC# 1

A13. Was your main reason for taking (NAME 1):

POSITION: 236-237
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	4295	34.2%	(MISS)
PERSONAL, FAMILY, OR SOCIAL REASON....	1	1992	15.8%	24.8%
TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB	2	4486	35.7%	55.4%
TO TRAIN FOR A NEW JOB OR CAREER......	3	588	4.7%	7.8%
TO IMPROVE READING,WRITING,MATH SKILLS	4	84	0.7%	0.8%
TO MEET REQUIREMENT FOR DIPLOMA/DEGREE	5	1042	8.3%	10.7%
OTHER REASON..........................	91	62	0.5%	0.6%
RESERVED CODES:				
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	11	0.1%	(MISS)
NOT ASCERTAINED..................	-9	7	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKEREA2 = A13 MAIN REASON FOR TAKING A10 CL REC# 2

A13. Was your main reason for taking (NAME 2):

POSITION: 238-239
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	7925	63.1%	(MISS)
PERSONAL, FAMILY, OR SOCIAL REASON....	1	935	7.4%	21.4%
TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB	2	2595	20.6%	59.1%
TO TRAIN FOR A NEW JOB OR CAREER......	3	205	1.6%	4.1%
TO IMPROVE READING,WRITING,MATH SKILLS	4	40	0.3%	0.7%
TO MEET REQUIREMENT FOR DIPLOMA/DEGREE	5	761	6.1%	14.1%
OTHER REASON..........................	91	32	0.3%	0.5%
RESERVED CODES:				
REFUSED..........................	-7	3	0.0%	(MISS)
DK...............................	-8	9	0.1%	(MISS)
NOT ASCERTAINED..................	-9	63	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKEREA3 = A13 MAIN REASON FOR TAKING A10 CL REC# 3

A13. Was your main reason for taking (NAME 3):

POSITION: 240-241
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	9687	77.1%	(MISS)
PERSONAL, FAMILY, OR SOCIAL REASON....	1	489	3.9%	17.0%
TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB	2	1606	12.8%	59.2%
TO TRAIN FOR A NEW JOB OR CAREER......	3	138	1.1%	5.4%
TO IMPROVE READING,WRITING,MATH SKILLS	4	25	0.2%	0.9%
TO MEET REQUIREMENT FOR DIPLOMA/DEGREE	5	554	4.4%	17.3%
OTHER REASON..........................	91	11	0.1%	0.3%
RESERVED CODES:				
REFUSED..........................	-7	3	0.0%	(MISS)
DK...............................	-8	3	0.0%	(MISS)
NOT ASCERTAINED..................	-9	52	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKEREA4 = A13 MAIN REASON FOR TAKING A10 CL REC# 4

A13. Was your main reason for taking (NAME 4):

POSITION: 242-243
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	10753	85.6%	(MISS)
PERSONAL, FAMILY, OR SOCIAL REASON....	1	274	2.2%	16.1%
TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB	2	1000	8.0%	58.3%
TO TRAIN FOR A NEW JOB OR CAREER......	3	84	0.7%	6.4%
TO IMPROVE READING,WRITING,MATH SKILLS	4	10	0.1%	0.5%
TO MEET REQUIREMENT FOR DIPLOMA/DEGREE	5	382	3.0%	18.5%
OTHER REASON..........................	91	9	0.1%	0.3%
RESERVED CODES:				
REFUSED..........................	-7	6	0.0%	(MISS)
DK...............................	-8	4	0.0%	(MISS)
NOT ASCERTAINED..................	-9	46	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREA1 = A14 CAREER REASONS FOR TAKING A10 REC# 1

A14. Did you also have any employment- or career-related reasons for taking (NAME 1)?

POSITION: 244-245
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1066	8.5%	32.3%
NO	2	2121	16.9%	67.7%
RESERVED CODES:				
INAPPLICABLE	-1	5074	40.4%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	9	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREA2 = A14 CAREER REASONS FOR TAKING A10 REC# 2

A14. Did you also have any employment- or career-related reasons for taking (NAME 2)?

POSITION: 246-247
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	641	5.1%	34.8%
NO	2	1126	9.0%	65.2%
RESERVED CODES:				
INAPPLICABLE	-1	2800	22.3%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	7	0.1%	(MISS)
NOT ASCERTAINED	-9	66	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREA3 = A14 CAREER REASONS FOR TAKING A10 REC# 3

A14. Did you also have any employment- or career-related reasons for taking (NAME 3)?

POSITION: 248-249
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	384	3.1%	36.4%
NO	2	694	5.5%	63.6%
RESERVED CODES:				
INAPPLICABLE	-1	1744	13.9%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	52	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREA4 = A14 CAREER REASONS FOR TAKING A10 REC# 4

A14. Did you also have any employment- or career-related reasons for taking (NAME 4)?

POSITION: 250-251
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	235	1.9%	37.2%
NO	2	438	3.5%	62.8%
RESERVED CODES:				
INAPPLICABLE	-1	1084	8.6%	(MISS)
REFUSED	-7	6	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	48	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNMGMT1 = A17A EXECUTIVE MGMT DEVELOPMENT T REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
a. Executive or management development training

POSITION: 252-253
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1799	14.3%	31.2%
NO	2	4296	34.2%	68.8%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	34	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNMGMT2 = A17A EXECUTIVE MGMT DEVELOPMENT T REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
a. Executive or management development training

POSITION: 254-255
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	1040	8.3%	31.8%
NO	2	2369	18.8%	68.2%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	28	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNMGMT3 = A17A EXECUTIVE MGMT DEVELOPMENT T REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
a. Executive or management development training

POSITION: 256-257
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	612	4.9%	30.0%
NO	2	1495	11.9%	70.0%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	15	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNMGMT4 = A17A EXECUTIVE MGMT DEVELOPMENT T REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
a. Executive or management development training

POSITION: 258-259
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	371	3.0%	25.1%
NO	2	940	7.5%	74.9%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSUPR1 = A17B SUPERVISORY TRAINING REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
b. Supervisory training

POSITION: 260-261
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1728	13.7%	29.4%
NO	2	4370	34.8%	70.6%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	7	0.1%	(MISS)
NOT ASCERTAINED	-9	34	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSUPR2 = A17B SUPERVISORY TRAINING REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
b. Supervisory training

POSITION: 262-263
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	969	7.7%	28.8%
NO	2	2440	19.4%	71.2%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	29	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSUPR3 = A17B SUPERVISORY TRAINING REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
b. Supervisory training

POSITION: 264-265
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	599	4.8%	29.1%
NO	2	1507	12.0%	70.9%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSUPR4 = A17B SUPERVISORY TRAINING REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
b. Supervisory training

POSITION: 266-267
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	378	3.0%	25.7%
NO	2	935	7.4%	74.3%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNPROF1 = A17C PROFESSIONAL DEVELOPMENT TRA REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
c. Professional development training

POSITION: 268-269
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	4138	32.9%	67.0%
NO	2	1931	15.4%	33.0%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	35	0.3%	(MISS)
NOT ASCERTAINED	-9	35	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNPROF2 = A17C PROFESSIONAL DEVELOPMENT TRA REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
c. Professional development training

POSITION: 270-271
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	2481	19.7%	72.1%
NO	2	922	7.3%	27.9%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	29	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNPROF3 = A17C PROFESSIONAL DEVELOPMENT TRA REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
c. Professional development training

POSITION: 272-273
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1568	12.5%	75.5%
NO	2	539	4.3%	24.5%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNPROF4 = A17C PROFESSIONAL DEVELOPMENT TRA REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
c. Professional development training

POSITION: 274-275
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	1000	8.0%	74.8%
NO	2	312	2.5%	25.2%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNTECH1 = A17D TECHNICAL/SKILLED WORKER TRA REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
d. Technical or skilled worker training

POSITION: 276-277
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	3018	24.0%	49.7%
NO	2	3060	24.3%	50.3%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	26	0.2%	(MISS)
NOT ASCERTAINED	-9	35	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNTECH2 = A17D TECHNICAL/SKILLED WORKER TRA REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
d. Technical or skilled worker training

POSITION: 278-279
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	1596	12.7%	49.3%
NO	2	1809	14.4%	50.7%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	29	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNTECH3 = A17D TECHNICAL/SKILLED WORKER TRA REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
d. Technical or skilled worker training

POSITION: 280-281
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	980	7.8%	47.1%
NO	2	1122	8.9%	52.9%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNTECH4 = A17D TECHNICAL/SKILLED WORKER TRA REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
d. Technical or skilled worker training

POSITION: 282-283
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	587	4.7%	45.8%
NO	2	722	5.7%	54.2%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNCS1 = A17E WORD PROCESSING/COMPUTER SOF REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
e. Word processing or computer software training

POSITION: 284-285
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1383	11.0%	22.3%
NO	2	4715	37.5%	77.7%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	35	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNCS2 = A17E WORD PROCESSING/COMPUTER SOF REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
e. Word processing or computer software training

POSITION: 286-287
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	688	5.5%	22.6%
NO	2	2721	21.7%	77.4%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	29	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNCS3 = A17E WORD PROCESSING/COMPUTER SOF REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
e. Word processing or computer software training

POSITION: 288-289
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	398	3.2%	19.0%
NO	2	1708	13.6%	81.0%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNCS4 = A17E WORD PROCESSING/COMPUTER SOF REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
e. Word processing or computer software training

POSITION: 290-291
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	230	1.8%	16.4%
NO	2	1083	8.6%	83.6%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

```
TRNHLTH1 = A17F JOB HEALTH AND SAFETY TRAINI REC# 1
--------

A17. Did (NAME 1) include any of the following types of
employment- or career-related training:
f.  Job health and safety training

        POSITION:  292-293
        FORMAT:    N2
                                                                    UNWGTD     WGTD
RESPONSE                                     CODES      FREQ      PERCENT   PERCENT
--------                                    -------   -------    --------  --------
NA/MISSING..............................       .        4295       34.2%    (MISS)
YES.....................................       1        1727       13.7%     30.1%
NO......................................       2        4369       34.8%     69.9%
RESERVED CODES:
        INAPPLICABLE....................      -1        2133       17.0%    (MISS)
        REFUSED.........................      -7           1        0.0%    (MISS)
        DK..............................      -8           8        0.1%    (MISS)
        NOT ASCERTAINED.................      -9          35        0.3%    (MISS)
                                                      -------    --------  --------
TOTALS:                                                12568      100.0%    100.0%
```

```
TRNHLTH2 = A17F JOB HEALTH AND SAFETY TRAINI REC# 2
--------

A17. Did (NAME 2) include any of the following types of
employment- or career-related training:
f.  Job health and safety training

        POSITION:  294-295
        FORMAT:    N2
                                                                    UNWGTD     WGTD
RESPONSE                                     CODES      FREQ      PERCENT   PERCENT
--------                                    -------   -------    --------  --------
NA/MISSING..............................       .        7925       63.1%    (MISS)
YES.....................................       1         851        6.8%     23.9%
NO......................................       2        2558       20.4%     76.1%
RESERVED CODES:
        INAPPLICABLE....................      -1        1202        9.6%    (MISS)
        REFUSED.........................      -7           1        0.0%    (MISS)
        DK..............................      -8           2        0.0%    (MISS)
        NOT ASCERTAINED.................      -9          29        0.2%    (MISS)
                                                      -------    --------  --------
TOTALS:                                                12568      100.0%    100.0%
```

```
TRNHLTH3 = A17F JOB HEALTH AND SAFETY TRAINI REC# 3
--------

A17. Did (NAME 3) include any of the following types of
employment- or career-related training:
f.  Job health and safety training

        POSITION:  296-297
        FORMAT:    N2
                                                                    UNWGTD     WGTD
RESPONSE                                     CODES      FREQ      PERCENT   PERCENT
--------                                    -------   -------    --------  --------
NA/MISSING..............................       .        9687       77.1%    (MISS)
YES.....................................       1         501        4.0%     23.0%
NO......................................       2        1606       12.8%     77.0%
RESERVED CODES:
        INAPPLICABLE....................      -1         753        6.0%    (MISS)
        REFUSED.........................      -7           1        0.0%    (MISS)
        DK..............................      -8           4        0.0%    (MISS)
        NOT ASCERTAINED.................      -9          16        0.1%    (MISS)
                                                      -------    --------  --------
TOTALS:                                                12568      100.0%    100.0%
```

```
TRNHLTH4 = A17F JOB HEALTH AND SAFETY TRAINI REC# 4
--------

A17. Did (NAME 4) include any of the following types of
employment- or career-related training:
f.  Job health and safety training

        POSITION:  298-299
        FORMAT:    N2
                                                                    UNWGTD     WGTD
RESPONSE                                     CODES      FREQ      PERCENT   PERCENT
--------                                    -------   -------    --------  --------
NA/MISSING..............................       .       10753       85.6%    (MISS)
YES.....................................       1         305        2.4%     24.4%
NO......................................       2        1008        8.0%     75.6%
RESERVED CODES:
        INAPPLICABLE....................      -1         496        3.9%    (MISS)
        DK..............................      -8           2        0.0%    (MISS)
        NOT ASCERTAINED.................      -9           4        0.0%    (MISS)
                                                      -------    --------  --------
TOTALS:                                                12568      100.0%    100.0%
```

TRNQC1 = A17G QUALITY CONTROL/STATISTICAL REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
g. Training in areas such as quality control or statistical process control

POSITION: 300-301
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1474	11.7%	23.2%
NO	2	4607	36.7%	76.8%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	22	0.2%	(MISS)
NOT ASCERTAINED	-9	36	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNQC2 = A17G QUALITY CONTROL/STATISTICAL REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
g. Training in areas such as quality control or statistical process control

POSITION: 302-303
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	744	5.9%	22.4%
NO	2	2657	21.1%	77.6%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	31	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNQC3 = A17G QUALITY CONTROL/STATISTICAL REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
g. Training in areas such as quality control or statistical process control

POSITION: 304-305
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	411	3.3%	20.0%
NO	2	1690	13.4%	80.0%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	9	0.1%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNQC4 = A17G QUALITY CONTROL/STATISTICAL REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
g. Training in areas such as quality control or statistical process control

POSITION: 306-307
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	272	2.2%	23.7%
NO	2	1039	8.3%	76.3%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSALE1 = A17H SALES AND MARKETING TRAINING REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
h. Sales and marketing training

POSITION: 308-309
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1158	9.2%	19.6%
NO	2	4941	39.3%	80.4%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	36	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSALE2 = A17H SALES AND MARKETING TRAINING REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
h. Sales and marketing training

POSITION: 310-311
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	541	4.3%	18.1%
NO	2	2864	22.8%	81.9%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	31	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSALE3 = A17H SALES AND MARKETING TRAINING REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
h. Sales and marketing training

POSITION: 312-313
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	303	2.4%	14.4%
NO	2	1804	14.4%	85.6%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNSALE4 = A17H SALES AND MARKETING TRAINING REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
h. Sales and marketing training

POSITION: 314-315
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	195	1.6%	14.6%
NO	2	1117	8.9%	85.4%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNEMPL1 = A17I NEW EMPLOYEE TRAINING REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
i. Training as a new employee

POSITION: 316-317
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	941	7.5%	16.7%
NO	2	5153	41.0%	83.3%
RESERVED CODES:				
INAPPLICABLE	-1	2133	17.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	7	0.1%	(MISS)
NOT ASCERTAINED	-9	38	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNEMPL2 = A17I NEW EMPLOYEE TRAINING REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
i. Training as a new employee

POSITION: 318-319
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	393	3.1%	12.0%
NO	2	3013	24.0%	88.0%
RESERVED CODES:				
INAPPLICABLE	-1	1202	9.6%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	31	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNEMPL3 = A17I NEW EMPLOYEE TRAINING REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
i. Training as a new employee

POSITION: 320-321
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	263	2.1%	12.3%
NO	2	1844	14.7%	87.7%
RESERVED CODES:				
INAPPLICABLE	-1	753	6.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNEMPL4 = A17I NEW EMPLOYEE TRAINING REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
i. Training as a new employee

POSITION: 322-323
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	147	1.2%	11.2%
NO	2	1166	9.3%	88.8%
RESERVED CODES:				
INAPPLICABLE	-1	496	3.9%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNOTHE1 = A17J SOME OTHER KIND OF TRAINING REC# 1

A17. Did (NAME 1) include any of the following types of employment- or career-related training:
j. Some other kind of training

POSITION: 324-325
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
YES...................................	1	117	0.9%	1.4%
NO....................................	2	5976	47.5%	98.6%
RESERVED CODES:				
INAPPLICABLE.....................	-1	2133	17.0%	(MISS)
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	9	0.1%	(MISS)
NOT ASCERTAINED..................	-9	37	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNOTHE2 = A17J SOME OTHER KIND OF TRAINING REC# 2

A17. Did (NAME 2) include any of the following types of employment- or career-related training:
j. Some other kind of training

POSITION: 326-327
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
YES...................................	1	33	0.3%	1.1%
NO....................................	2	3370	26.8%	98.9%
RESERVED CODES:				
INAPPLICABLE.....................	-1	1202	9.6%	(MISS)
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	6	0.0%	(MISS)
NOT ASCERTAINED..................	-9	31	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNOTHE3 = A17J SOME OTHER KIND OF TRAINING REC# 3

A17. Did (NAME 3) include any of the following types of employment- or career-related training:
j. Some other kind of training

POSITION: 328-329
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
YES...................................	1	31	0.2%	1.0%
NO....................................	2	2074	16.5%	99.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	753	6.0%	(MISS)
REFUSED..........................	-7	2	0.0%	(MISS)
DK...............................	-8	5	0.0%	(MISS)
NOT ASCERTAINED..................	-9	16	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TRNOTHE4 = A17J SOME OTHER KIND OF TRAINING REC# 4

A17. Did (NAME 4) include any of the following types of employment- or career-related training:
j. Some other kind of training

POSITION: 330-331
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
YES...................................	1	16	0.1%	1.2%
NO....................................	2	1296	10.3%	98.8%
RESERVED CODES:				
INAPPLICABLE.....................	-1	496	3.9%	(MISS)
DK...............................	-8	3	0.0%	(MISS)
NOT ASCERTAINED..................	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

REQUIRE1 = A18 TAKE A10 CLASS TO MEET REQUIR REC# 1

A18. Did you take (NAME 1) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

POSITION: 332-333
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1112	8.8%	15.6%
NO	2	5808	46.2%	84.4%
RESERVED CODES:				
INAPPLICABLE	-1	1325	10.5%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	20	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

REQUIRE2 = A18 TAKE A10 CLASS TO MEET REQUIR REC# 2

A18. Did you take (NAME 2) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

POSITION: 334-335
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	529	4.2%	12.3%
NO	2	3082	24.5%	87.7%
RESERVED CODES:				
INAPPLICABLE	-1	957	7.6%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	64	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

REQUIRE3 = A18 TAKE A10 CLASS TO MEET REQUIR REC# 3

A18. Did you take (NAME 3) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

POSITION: 336-337
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	310	2.5%	13.8%
NO	2	1829	14.6%	86.2%
RESERVED CODES:				
INAPPLICABLE	-1	692	5.5%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	43	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

REQUIRE4 = A18 TAKE A10 CLASS TO MEET REQUIR REC# 4

A18. Did you take (NAME 4) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

POSITION: 338-339
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	204	1.6%	14.8%
NO	2	1088	8.7%	85.2%
RESERVED CODES:				
INAPPLICABLE	-1	480	3.8%	(MISS)
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	34	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

DEGREE1 = A19 A10 CLASS FULFILLS TYPE REQUI REC# 1

A19. What type of certificate, diploma, or degree will (NAME 1) fulfill a requirement for?

POSITION: 340-341
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
INELIGIBLE TYPE REPORTED..............	0	61	0.5%	4.5%
8TH GRADE CERTIFICATE OF COMPLETION...	1	9	0.1%	0.6%
HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)	2	105	0.8%	6.7%
VOCATIONAL DIPLOMA OR CERTIFICATE.....	3	610	4.9%	37.8%
2-YEAR DEGREE FROM COLLEGE OR TECHNICA	4	156	1.2%	7.4%
4-YEAR DEGREE FROM COLLEGE OR UNIVERSI	5	152	1.2%	8.9%
GRADUATE OR PROFESSIONAL DEGREE/CERTIF	6	297	2.4%	18.4%
COLLEGE CERTIFICATE...................	7	1	0.0%	0.0%
LICENSE...............................	8	183	1.5%	13.1%
OTHER (SPECIFY).......................	91	56	0.4%	2.6%
RESERVED CODES:				
INAPPLICABLE......................	-1	6613	52.6%	(MISS)
DK................................	-8	20	0.2%	(MISS)
NOT ASCERTAINED...................	-9	10	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

DEGREE2 = A19 A10 CLASS FULFILLS TYPE REQUI REC# 2

A19. What type of certificate, diploma, or degree will (NAME 2) fulfill a requirement for?

POSITION: 342-343
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
INELIGIBLE TYPE REPORTED..............	0	29	0.2%	4.8%
8TH GRADE CERTIFICATE OF COMPLETION...	1	5	0.0%	0.6%
HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)	2	30	0.2%	3.1%
VOCATIONAL DIPLOMA OR CERTIFICATE.....	3	271	2.2%	31.9%
2-YEAR DEGREE FROM COLLEGE OR TECHNICA	4	115	0.9%	12.1%
4-YEAR DEGREE FROM COLLEGE OR UNIVERSI	5	108	0.9%	13.1%
GRADUATE OR PROFESSIONAL DEGREE/CERTIF	6	199	1.6%	23.1%
COLLEGE CERTIFICATE...................	7	1	0.0%	0.1%
LICENSE...............................	8	71	0.6%	8.4%
OTHER (SPECIFY).......................	91	29	0.2%	2.8%
RESERVED CODES:				
INAPPLICABLE......................	-1	3776	30.0%	(MISS)
DK................................	-8	4	0.0%	(MISS)
NOT ASCERTAINED...................	-9	5	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

DEGREE3 = A19 A10 CLASS FULFILLS TYPE REQUI REC# 3

A19. What type of certificate, diploma, or degree will (NAME 3) fulfill a requirement for?

POSITION: 344-345
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
INELIGIBLE TYPE REPORTED	0	25	0.2%	6.0%
8TH GRADE CERTIFICATE OF COMPLETION...	1	6	0.0%	1.0%
HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)	2	18	0.1%	2.4%
VOCATIONAL DIPLOMA OR CERTIFICATE.....	3	161	1.3%	30.6%
2-YEAR DEGREE FROM COLLEGE OR TECHNICA	4	67	0.5%	11.1%
4-YEAR DEGREE FROM COLLEGE OR UNIVERSI	5	77	0.6%	13.1%
GRADUATE OR PROFESSIONAL DEGREE/CERTIF	6	127	1.0%	26.0%
LICENSE	8	47	0.4%	8.0%
OTHER (SPECIFY)	91	12	0.1%	1.7%
RESERVED CODES:				
INAPPLICABLE	-1	2338	18.6%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

DEGREE4 = A19 A10 CLASS FULFILLS TYPE REQUI REC# 4

A19. What type of certificate, diploma, or degree will (NAME 4) fulfill a requirement for?

POSITION: 346-347
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
INELIGIBLE TYPE REPORTED	0	13	0.1%	3.6%
8TH GRADE CERTIFICATE OF COMPLETION...	1	5	0.0%	1.3%
HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)	2	10	0.1%	1.9%
VOCATIONAL DIPLOMA OR CERTIFICATE.....	3	111	0.9%	31.2%
2-YEAR DEGREE FROM COLLEGE OR TECHNICA	4	41	0.3%	12.4%
4-YEAR DEGREE FROM COLLEGE OR UNIVERSI	5	39	0.3%	9.6%
GRADUATE OR PROFESSIONAL DEGREE/CERTIF	6	88	0.7%	27.7%
LICENSE	8	32	0.3%	10.2%
OTHER (SPECIFY)	91	5	0.0%	2.0%
RESERVED CODES:				
INAPPLICABLE	-1	1464	11.6%	(MISS)
NOT ASCERTAINED	-9	7	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

LICENSE1 = A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 1

A20. Did you take (NAME 1) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

POSITION: 348-349
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1457	11.6%	18.0%
NO	2	6780	53.9%	82.0%
RESERVED CODES:				
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	28	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

BEST COPY AVAILABLE

LICENSE2 = A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 2

A20. Did you take (NAME 2) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

POSITION: 350-351
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
YES...................................	1	849	6.8%	17.9%
NO....................................	2	3705	29.5%	82.1%
RESERVED CODES:				
REFUSED..........................	-7	3	0.0%	(MISS)
DK...............................	-8	7	0.1%	(MISS)
NOT ASCERTAINED..................	-9	79	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

LICENSE3 = A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 3

A20. Did you take (NAME 3) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

POSITION: 352-353
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
YES...................................	1	539	4.3%	18.6%
NO....................................	2	2278	18.1%	81.4%
RESERVED CODES:				
REFUSED..........................	-7	4	0.0%	(MISS)
DK...............................	-8	4	0.0%	(MISS)
NOT ASCERTAINED..................	-9	56	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

LICENSE4 = A20 A10 CLASS TO OBTAIN/RENEW LIC REC# 4

A20. Did you take (NAME 4) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

POSITION: 354-355
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
YES...................................	1	355	2.8%	20.4%
NO....................................	2	1403	11.2%	79.6%
RESERVED CODES:				
REFUSED..........................	-7	5	0.0%	(MISS)
DK...............................	-8	4	0.0%	(MISS)
NOT ASCERTAINED..................	-9	48	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

OBTAIN1 = A20OV OBTAIN OR RENEW LICENSE/CER REC# 1

A20OV. Was it to obtain or renew a license or certification?

POSITION: 356-357
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
OBTAIN LICENSE OR CERTIFICATION.......	1	594	4.7%	40.2%
RENEW LICENSE OR CERTIFICATION........	2	853	6.8%	59.8%
RESERVED CODES:				
INAPPLICABLE.....................	-1	6816	54.2%	(MISS)
DK...............................	-8	9	0.1%	(MISS)
NOT ASCERTAINED..................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OBTAIN2 = A200V OBTAIN OR RENEW LICENSE/CER REC# 2

A200V. Was it to obtain or renew a license or certification?

POSITION: 358-359
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
OBTAIN LICENSE OR CERTIFICATE.........	1	335	2.7%	37.8%
RENEW LICENSE OR CERTIFICATE..........	2	511	4.1%	62.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	3794	30.2%	(MISS)
DK................................	-8	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OBTAIN3 = A200V OBTAIN OR RENEW LICENSE/CER REC# 3

A200V. Was it to obtain or renew a license or certification?

POSITION: 360-361
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
OBTAIN LICENSE OR CERTIFICATE.........	1	201	1.6%	36.8%
RENEW LICENSE OR CERTIFICATE..........	2	335	2.7%	63.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	2342	18.6%	(MISS)
DK................................	-8	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

OBTAIN4 = A200V OBTAIN OR RENEW LICENSE/CER REC# 4

A200V. Was it to obtain or renew a license or certification?

POSITION: 362-363
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
OBTAIN LICENSE OR CERTIFICATE.........	1	119	0.9%	30.2%
RENEW LICENSE OR CERTIFICATE..........	2	234	1.9%	69.8%
RESERVED CODES:				
INAPPLICABLE......................	-1	1460	11.6%	(MISS)
DK................................	-8	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

SPONTYP1 = A22 A10 CLASS SPONSORED BY TYPE O REC# 1

A22. Would that be:

POSITION: 364-365
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL....	1	410	3.3%	4.8%
2-YR COMMUNITY/JR COLLEGE/TECHNICAL IN	2	1231	9.8%	13.3%
4-YR COLLEGE OR UNIVERSITY............	3	1181	9.4%	13.1%
VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SC	4	588	4.7%	7.3%
TUTOR OR PRIVATE INSTRUCTOR...........	5	248	2.0%	3.6%
BUSINESS OR INDUSTRY..................	6	2180	17.3%	27.6%
LABOR ORGANIZATION OR PROFESSIONAL ASS	7	650	5.2%	8.7%
LIBRARY...............................	8	12	0.1%	0.1%
FEDERAL/STATE/COUNTY/LOCAL GOV'T AGENC	9	909	7.2%	10.4%
PRIVATE COMMUNITY ORGANIZATION........	10	702	5.6%	10.2%
SOMEONE ELSE..........................	91	56	0.4%	0.9%
RESERVED CODES:				
REFUSED...........................	-7	6	0.0%	(MISS)
DK................................	-8	67	0.5%	(MISS)
NOT ASCERTAINED...................	-9	33	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

SPONTYP2 = A22 A10 CLASS SPONSORED BY TYPE O REC# 2

A22. Would that be:

POSITION: 366-367
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL....	1	203	1.6%	4.1%
2-YR COMMUNITY/JR COLLEGE/TECHNICAL IN	2	710	5.6%	14.4%
4-YR COLLEGE OR UNIVERSITY............	3	775	6.2%	15.8%
VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SC	4	276	2.2%	6.5%
TUTOR OR PRIVATE INSTRUCTOR...........	5	114	0.9%	2.8%
BUSINESS OR INDUSTRY..................	6	1194	9.5%	28.1%
LABOR ORGANIZATION OR PROFESSIONAL ASS	7	391	3.1%	9.2%
LIBRARY...............................	8	4	0.0%	0.1%
FEDERAL/STATE/COUNTY/LOCAL GOV'T AGENC	9	519	4.1%	10.5%
PRIVATE COMMUNITY ORGANIZATION........	10	312	2.5%	7.8%
SOMEONE ELSE..........................	91	26	0.2%	0.7%
RESERVED CODES:				
REFUSED..........................	-7	3	0.0%	(MISS)
DK...............................	-8	36	0.3%	(MISS)
NOT ASCERTAINED..................	-9	80	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

SPONTYP3 = A22 A10 CLASS SPONSORED BY TYPE O REC# 3

A22. Would that be:

POSITION: 368-369
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL....	1	108	0.9%	4.0%
2-YR COMMUNITY/JR COLLEGE/TECHNICAL IN	2	419	3.3%	12.9%
4-YR COLLEGE OR UNIVERSITY............	3	499	4.0%	17.1%
VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SC	4	160	1.3%	5.8%
TUTOR OR PRIVATE INSTRUCTOR...........	5	60	0.5%	2.0%
BUSINESS OR INDUSTRY..................	6	721	5.7%	28.9%
LABOR ORGANIZATION OR PROFESSIONAL ASS	7	277	2.2%	10.7%
LIBRARY...............................	8	3	0.0%	0.1%
FEDERAL/STATE/COUNTY/LOCAL GOV'T AGENC	9	377	3.0%	12.4%
PRIVATE COMMUNITY ORGANIZATION........	10	166	1.3%	5.6%
SOMEONE ELSE..........................	91	11	0.1%	0.5%
RESERVED CODES:				
REFUSED..........................	-7	5	0.0%	(MISS)
DK...............................	-8	21	0.2%	(MISS)
NOT ASCERTAINED..................	-9	54	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

SPONTYP4 = A22 A10 CLASS SPONSORED BY TYPE O REC# 4

A22. Would that be:

POSITION: 370-371
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL....	1	58	0.5%	2.9%
2-YR COMMUNITY/JR COLLEGE/TECHNICAL IN	2	258	2.1%	14.4%
4-YR COLLEGE OR UNIVERSITY............	3	349	2.8%	18.5%
VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SC	4	111	0.9%	7.8%
TUTOR OR PRIVATE INSTRUCTOR...........	5	35	0.3%	1.8%
BUSINESS OR INDUSTRY..................	6	435	3.5%	27.7%
LABOR ORGANIZATION OR PROFESSIONAL ASS	7	164	1.3%	9.0%
LIBRARY...............................	8	1	0.0%	0.0%
FEDERAL/STATE/COUNTY/LOCAL GOV'T AGENC	9	236	1.9%	12.3%
PRIVATE COMMUNITY ORGANIZATION........	10	89	0.7%	4.7%
SOMEONE ELSE..........................	91	9	0.1%	0.9%
RESERVED CODES:				
REFUSED..........................	-7	6	0.0%	(MISS)
DK...............................	-8	16	0.1%	(MISS)
NOT ASCERTAINED..................	-9	48	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLPRO1 = A23 A10 CLASS SPONSOR IS EMPLOYER REC# 1

A23. Was this provider also your employer?

POSITION: 372-373
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
YES...................................	1	2554	20.3%	31.5%
NO....................................	2	5674	45.1%	68.5%
RESERVED CODES:				
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	5	0.0%	(MISS)
NOT ASCERTAINED..................	-9	39	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLPRO2 = A23 A10 CLASS SPONSOR IS EMPLOYER REC# 2

A23. Was this provider also your employer?

POSITION: 374-375
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
YES...................................	1	1526	12.1%	35.2%
NO....................................	2	3027	24.1%	64.8%
RESERVED CODES:				
REFUSED..........................	-7	2	0.0%	(MISS)
DK...............................	-8	8	0.1%	(MISS)
NOT ASCERTAINED..................	-9	80	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLPRO3 = A23 A10 CLASS SPONSOR IS EMPLOYER REC# 3

A23. Was this provider also your employer?

POSITION: 376-377
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
YES...................................	1	1018	8.1%	38.6%
NO....................................	2	1800	14.3%	61.4%
RESERVED CODES:				
REFUSED..........................	-7	4	0.0%	(MISS)
DK...............................	-8	3	0.0%	(MISS)
NOT ASCERTAINED..................	-9	56	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLPRO4 = A23 A10 CLASS SPONSOR IS EMPLOYER REC# 4

A23. Was this provider also your employer?

POSITION: 378-379
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	626	5.0%	36.5%
NO	2	1127	9.0%	63.5%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	50	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLTIM1 = A23A EMPLOYED AT TIME A10 CLASS T REC# 1

A23a. Were you employed at the time?

POSITION: 380-381
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	4499	35.8%	75.9%
NO	2	1178	9.4%	24.1%
RESERVED CODES:				
INAPPLICABLE	-1	2554	20.3%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	40	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLTIM2 = A23A EMPLOYED AT TIME A10 CLASS T REC# 2

A23a. Were you employed at the time?

POSITION: 382-383
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	2558	20.4%	81.2%
NO	2	471	3.7%	18.8%
RESERVED CODES:				
INAPPLICABLE	-1	1526	12.1%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	80	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLTIM3 = A23A EMPLOYED AT TIME A10 CLASS T REC# 3

A23a. Were you employed at the time?

POSITION: 384-385
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1560	12.4%	83.1%
NO	2	243	1.9%	16.9%
RESERVED CODES:				
INAPPLICABLE	-1	1018	8.1%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
NOT ASCERTAINED	-9	56	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

```
EMPLTIM4 = A23A EMPLOYED AT TIME A10 CLASS T REC# 4
--------

A23a.     Were you employed at the time?

     POSITION:  386-387
     FORMAT:    N2
                                                                        UNWGTD     WGTD
RESPONSE                                         CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------    --------   --------
NA/MISSING..............................            .       10753       85.6%     (MISS)
YES.....................................            1         983        7.8%      83.1%
NO......................................            2         148        1.2%      16.9%
RESERVED CODES:
     INAPPLICABLE.......................           -1         626        5.0%     (MISS)
     REFUSED............................           -7           6        0.0%     (MISS)
     DK.................................           -8           2        0.0%     (MISS)
     NOT ASCERTAINED....................           -9          50        0.4%     (MISS)
                                                           -------    --------   --------
TOTALS:                                                     12568      100.0%     100.0%
```

```
EMPLONL1 = A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 1
--------

A24. Was participation in (NAME 1) limited to employees only?

     POSITION:  388-389
     FORMAT:    N2
                                                                        UNWGTD     WGTD
RESPONSE                                         CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------    --------   --------
NA/MISSING..............................            .        4295       34.2%     (MISS)
YES.....................................            1        2004       15.9%      80.8%
NO......................................            2         519        4.1%      19.2%
RESERVED CODES:
     INAPPLICABLE.......................           -1        5719       45.5%     (MISS)
     DK.................................           -8          30        0.2%     (MISS)
     NOT ASCERTAINED....................           -9           1        0.0%     (MISS)
                                                           -------    --------   --------
TOTALS:                                                     12568      100.0%     100.0%
```

```
EMPLONL2 = A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 2
--------

A24. Was participation in (NAME 2) limited to employees only?

     POSITION:  390-391
     FORMAT:    N2
                                                                        UNWGTD     WGTD
RESPONSE                                         CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------    --------   --------
NA/MISSING..............................            .        7925       63.1%     (MISS)
YES.....................................            1        1216        9.7%      81.0%
NO......................................            2         299        2.4%      19.0%
RESERVED CODES:
     INAPPLICABLE.......................           -1        3117       24.8%     (MISS)
     DK.................................           -8          11        0.1%     (MISS)
                                                           -------    --------   --------
TOTALS:                                                     12568      100.0%     100.0%
```

```
EMPLONL3 = A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 3
--------

A24. Was participation in (NAME 3) limited to employees only?

     POSITION:  392-393
     FORMAT:    N2
                                                                        UNWGTD     WGTD
RESPONSE                                         CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------    --------   --------
NA/MISSING..............................            .        9687       77.1%     (MISS)
YES.....................................            1         823        6.5%      81.8%
NO......................................            2         191        1.5%      18.2%
RESERVED CODES:
     INAPPLICABLE.......................           -1        1863       14.8%     (MISS)
     DK.................................           -8           4        0.0%     (MISS)
                                                           -------    --------   --------
TOTALS:                                                     12568      100.0%     100.0%
```

EMPLONL4 = A24 A10 CLASS PARTICIPATN-EMPLOYE REC# 4

A24. Was participation in (NAME 4) limited to employees only?

POSITION: 394-395
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	10753	85.6%	(MISS)
YES....................................	1	492	3.9%	82.3%
NO.....................................	2	129	1.0%	17.7%
RESERVED CODES:				
INAPPLICABLE......................	-1	1189	9.5%	(MISS)
DK................................	-8	4	0.0%	(MISS)
NOT ASCERTAINED...................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

ATWORK1 = A25 A10 CLASS GIVEN AT WORK REC# 1

A25. Was (NAME 1) given at your place of work?

POSITION: 396-397
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	4295	34.2%	(MISS)
YES....................................	1	2115	16.8%	29.8%
NO.....................................	2	4933	39.3%	70.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	1220	9.7%	(MISS)
DK................................	-8	3	0.0%	(MISS)
NOT ASCERTAINED...................	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

ATWORK2 = A25 A10 CLASS GIVEN AT WORK REC# 2

A25. Was (NAME 2) given at your place of work?

POSITION: 398-399
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	7925	63.1%	(MISS)
YES....................................	1	1233	9.8%	30.8%
NO.....................................	2	2848	22.7%	69.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	559	4.4%	(MISS)
DK................................	-8	2	0.0%	(MISS)
NOT ASCERTAINED...................	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

ATWORK3 = A25 A10 CLASS GIVEN AT WORK REC# 3

A25. Was (NAME 3) given at your place of work?

POSITION: 400-401
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	9687	77.1%	(MISS)
YES....................................	1	835	6.6%	34.0%
NO.....................................	2	1739	13.8%	66.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	303	2.4%	(MISS)
DK................................	-8	1	0.0%	(MISS)
NOT ASCERTAINED...................	-9	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

ATWORK4 = A25 A10 CLASS GIVEN AT WORK REC# 4

A25. Was (NAME 4) given at your place of work?

POSITION: 402-403
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	527	4.2%	35.1%
NO	2	1081	8.6%	64.9%
RESERVED CODES:				
INAPPLICABLE	-1	206	1.6%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREQ1 = A25A EMPLOYER REQUIRED A10 CLASS REC# 1

A25a. Did your employer require you to take (NAME 1)?

POSITION: 404-405
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	1842	14.7%	28.4%
NO	2	5199	41.4%	71.6%
RESERVED CODES:				
INAPPLICABLE	-1	1220	9.7%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREQ2 = A25A EMPLOYER REQUIRED A10 CLASS REC# 2

A25a. Did your employer require you to take (NAME 2)?

POSITION: 406-407
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	1067	8.5%	27.5%
NO	2	3017	24.0%	72.5%
RESERVED CODES:				
INAPPLICABLE	-1	559	4.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREQ3 = A25A EMPLOYER REQUIRED A10 CLASS REC# 3

A25a. Did your employer require you to take (NAME 3)?

POSITION: 408-409
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	693	5.5%	26.3%
NO	2	1882	15.0%	73.7%
RESERVED CODES:				
INAPPLICABLE	-1	303	2.4%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

EMPLREQ4 = A25A EMPLOYER REQUIRED A10 CLASS REC# 4

A25a. Did your employer require you to take (NAME 4)?

POSITION: 410-411
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	406	3.2%	25.4%
NO	2	1200	9.5%	74.6%
RESERVED CODES:				
INAPPLICABLE	-1	206	1.6%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TIMEOFF1 = A26 GIVEN TIME OFF TO TAKE A10 CL REC# 1

A26. Were you given time off from work to attend (NAME 1), (either with or without pay)?

POSITION: 412-413
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	3419	27.2%	51.4%
NO	2	3616	28.8%	48.6%
RESERVED CODES:				
INAPPLICABLE	-1	1220	9.7%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	13	0.1%	(MISS)
NOT ASCERTAINED	-9	3	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TIMEOFF2 = A26 GIVEN TIME OFF TO TAKE A10 CL REC# 2

A26. Were you given time off from work to attend (NAME 2), (either with or without pay)?

POSITION: 414-415
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	2104	16.7%	53.1%
NO	2	1975	15.7%	46.9%
RESERVED CODES:				
INAPPLICABLE	-1	559	4.4%	(MISS)
DK	-8	5	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TIMEOFF3 = A26 GIVEN TIME OFF TO TAKE A10 CL REC# 3

A26. Were you given time off from work to attend (NAME 3), (either with or without pay)?

POSITION: 416-417
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1377	11.0%	56.4%
NO	2	1193	9.5%	43.6%
RESERVED CODES:				
INAPPLICABLE	-1	303	2.4%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TIMEOFF4 = A26 GIVEN TIME OFF TO TAKE A10 CL REC# 4

A26. Were you given time off from work to attend (NAME 4), (either with or without pay)?

POSITION: 418-419
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	860	6.8%	55.8%
NO	2	745	5.9%	44.2%
RESERVED CODES:				
INAPPLICABLE	-1	206	1.6%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

CORRESP1 = A27 A10 CLASS A CORRESPONDENCE CO REC# 1

A27. Was (NAME 1) a correspondence course?

POSITION: 420-421
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	302	2.4%	4.4%
NO	2	5801	46.2%	95.6%
RESERVED CODES:				
INAPPLICABLE	-1	2115	16.8%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	45	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

CORRESP2 = A27 A10 CLASS A CORRESPONDENCE CO REC# 2

A27. Was (NAME 2) a correspondence course?

POSITION: 422-423
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	115	0.9%	3.2%
NO	2	3204	25.5%	96.8%
RESERVED CODES:				
INAPPLICABLE	-1	1233	9.8%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	81	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

CORRESP3 = A27 A10 CLASS A CORRESPONDENCE CO REC# 3

A27. Was (NAME 3) a correspondence course?

POSITION: 424-425
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	71	0.6%	3.5%
NO	2	1913	15.2%	96.5%
RESERVED CODES:				
INAPPLICABLE	-1	835	6.6%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CORRESP4 = A27 A10 CLASS A CORRESPONDENCE CO REC# 4

A27. Was (NAME 4) a correspondence course?

POSITION: 426-427
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	46	0.4%	4.7%
NO	2	1183	9.4%	95.3%
RESERVED CODES:				
INAPPLICABLE	-1	527	4.2%	(MISS)
REFUSED	-7	6	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	51	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

MAILTV1 = A28 A10 CORR COURSE - TYPE INSTRU REC# 1

A28. Was instruction provided through the mail, or by telvision or radio?

POSITION: 428-429
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
THROUGH THE MAIL	1	282	2.2%	97.0%
BY TELEVISION OR RADIO	2	9	0.1%	3.0%
RESERVED CODES:				
INAPPLICABLE	-1	7971	63.4%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

MAILTV2 = A28 A10 CORR COURSE - TYPE INSTRU REC# 2

A28. Was instruction provided through the mail, or by telvision or radio?

POSITION: 430-431
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
THROUGH THE MAIL	1	110	0.9%	100.0%
BY TELEVISION OR RADIO	2	2	0.0%	(MISS)
RESERVED CODES:				
INAPPLICABLE	-1	4528	36.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

MAILTV3 = A28 A10 CORR COURSE - TYPE INSTRU REC# 3

A28. Was instruction provided through the mail, or by telvision or radio?

POSITION: 432-433
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
THROUGH THE MAIL	1	66	0.5%	100.0%
BY TELEVISION OR RADIO	2	2	0.0%	(MISS)
RESERVED CODES:				
INAPPLICABLE	-1	2810	22.4%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

MAILTV4 = A28 A10 CORR COURSE - TYPE INSTRU REC# 4

A28. Was instruction provided through the mail, or by telvision or radio?

POSITION: 434-435
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
THROUGH THE MAIL	1	43	0.3%	100.0%
BY TELEVISION OR RADIO	2	1	0.0%	(MISS)
RESERVED CODES:				
INAPPLICABLE	-1	1769	14.1%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFAM1 = A29A YOU OR FAMILY PAID REC# 1

A29. Who paid for you to take (NAME 1)?
a. You or your family (including loans)

POSITION: 436-437
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	3220	25.6%	36.3%
NO	2	4996	39.8%	63.7%
RESERVED CODES:				
REFUSED	-7	3	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	50	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFAM2 = A29A YOU OR FAMILY PAID REC# 2

A29. Who paid for you to take (NAME 2)?
a. You or your family (including loans)

POSITION: 438-439
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	1703	13.6%	32.4%
NO	2	2849	22.7%	67.6%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFAM3 = A29A YOU OR FAMILY PAID REC# 3

A29. Who paid for you to take (NAME 3)?
a. You or your family (including loans)

POSITION: 440-441
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1033	8.2%	33.4%
NO	2	1785	14.2%	66.6%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFAM4 = A29A YOU OR FAMILY PAID REC# 4

A29. Who paid for you to take (NAME 4)?
a. You or your family (including loans)

POSITION: 442-443
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	655	5.2%	34.6%
NO	2	1104	8.8%	65.4%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFED1 = A29B FEDERAL GOVERNMENT PAID REC# 1

A29. Who paid for you to take (NAME 1)?
b. The Federal government (including military)

POSITION: 444-445
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	468	3.7%	4.5%
NO	2	7715	61.4%	95.5%
RESERVED CODES:				
REFUSED	-7	4	0.0%	(MISS)
DK	-8	36	0.3%	(MISS)
NOT ASCERTAINED	-9	50	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFED2 = A29B FEDERAL GOVERNMENT PAID REC# 2

A29. Who paid for you to take (NAME 2)?
b. The Federal government (including military)

POSITION: 446-447
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	287	2.3%	4.6%
NO	2	4253	33.8%	95.4%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	16	0.1%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFED3 = A29B FEDERAL GOVERNMENT PAID REC# 3

A29. Who paid for you to take (NAME 3)?
b. The Federal government (including military)

POSITION: 448-449
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	203	1.6%	4.7%
NO	2	2613	20.8%	95.3%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFED4 = A29B FEDERAL GOVERNMENT PAID REC# 4

A29. Who paid for you to take (NAME 4)?
b. The Federal government (including military)

POSITION: 450-451
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	125	1.0%	5.1%
NO	2	1634	13.0%	94.9%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDSTA1 = A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 1

A29. Who paid for you to take (NAME 1)?
c. A State, county, or local government, including public schools

POSITION: 452-453
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	948	7.5%	10.9%
NO	2	7226	57.5%	89.1%
RESERVED CODES:				
REFUSED	-7	7	0.1%	(MISS)
DK	-8	40	0.3%	(MISS)
NOT ASCERTAINED	-9	52	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDSTA2 = A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 2

A29. Who paid for you to take (NAME 2)?
c. A State, county, or local government, including public schools

POSITION: 454-455
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	572	4.6%	12.2%
NO	2	3967	31.6%	87.8%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	17	0.1%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDSTA3 = A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 3

A29. Who paid for you to take (NAME 3)?
c. A State, county, or local government, including public schools

POSITION: 456-457
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	384	3.1%	13.7%
NO	2	2430	19.3%	86.3%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDSTA4 = A29C STATE/COUNTY/LOCAL GOVERNMEN REC# 4

A29. Who paid for you to take (NAME 4)?
c. A State, county, or local government, including public schools

POSITION: 458-459
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	234	1.9%	13.8%
NO	2	1525	12.1%	86.2%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDBUS1 = A29D BUSINESS OR INDUSTRY PAID REC# 1

A29. Who paid for you to take (NAME 1)?
d. A business or industry

POSITION: 460-461
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	2886	23.0%	36.7%
NO	2	5306	42.2%	63.3%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	22	0.2%	(MISS)
NOT ASCERTAINED	-9	54	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDBUS2 = A29D BUSINESS OR INDUSTRY PAID REC# 2

A29. Who paid for you to take (NAME 2)?
d. A business or industry

POSITION: 462-463
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	1664	13.2%	40.1%
NO	2	2887	23.0%	59.9%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDBUS3 = A29D BUSINESS OR INDUSTRY PAID REC# 3

A29. Who paid for you to take (NAME 3)?
d. A business or industry

POSITION: 464-465
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1006	8.0%	39.0%
NO	2	1808	14.4%	61.0%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDBUS4 = A29D BUSINESS OR INDUSTRY PAID   REC# 4

A29. Who paid for you to take (NAME 4)?
d. A business or industry

POSITION: 466-467
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	602	4.8%	35.9%
NO	2	1155	9.2%	64.1%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDPRI1 = A29E PRIVATE ORGANIZATION PAID   REC# 1

A29. Who paid for you to take (NAME 1)?
e. A private organization, such as a church or professional association

POSITION: 468-469
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	420	3.3%	6.2%
NO	2	7773	61.8%	93.8%
RESERVED CODES:				
REFUSED	-7	4	0.0%	(MISS)
DK	-8	21	0.2%	(MISS)
NOT ASCERTAINED	-9	55	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDPRI2 = A29E PRIVATE ORGANIZATION PAID   REC# 2

A29. Who paid for you to take (NAME 2)?
e. A private organization, such as a church or professional association

POSITION: 470-471
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	230	1.8%	6.5%
NO	2	4320	34.4%	93.5%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDPRI3 = A29E PRIVATE ORGANIZATION PAID   REC# 3

A29. Who paid for you to take (NAME 3)?
e. A private organization, such as a church or professional association

POSITION: 472-473
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	128	1.0%	4.6%
NO	2	2689	21.4%	95.4%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDPRI4 = A29E PRIVATE ORGANIZATION PAID REC# 4

A29. Who paid for you to take (NAME 4)?
e. A private organization, such as a church or professional association

POSITION: 474-475
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	76	0.6%	5.3%
NO	2	1683	13.4%	94.7%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDOTH1 = A29F SOMEONE ELSE PAID REC# 1

A29. Who paid for you to take (NAME 1)?
f. Was it someone else

POSITION: 476-477
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	42	0.3%	0.5%
NO	2	8151	64.9%	99.5%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	20	0.2%	(MISS)
NOT ASCERTAINED	-9	55	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDOTH2 = A29F SOMEONE ELSE PAID REC# 2

A29. Who paid for you to take (NAME 2)?
f. Was it someone else

POSITION: 478-479
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	18	0.1%	0.6%
NO	2	4532	36.1%	99.4%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDOTH3 = A29F SOMEONE ELSE PAID REC# 3

A29. Who paid for you to take (NAME 3)?
f. Was it someone else

POSITION: 480-481
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	14	0.1%	0.9%
NO	2	2803	22.3%	99.1%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	57	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDOTH4 = A29F SOMEONE ELSE PAID REC# 4

A29. Who paid for you to take (NAME 4)?
f. Was it someone else

POSITION: 482-483
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	7	0.1%	1.1%
NO	2	1752	13.9%	98.9%
RESERVED CODES:				
REFUSED	-7	6	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFRE1 = A29G THERE WAS NO CHARGE REC# 1

A29. Who paid for you to take (NAME 1)?
g. In other words, there was no charge

POSITION: 484-485
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
NO CHARGE	1	760	6.0%	98.9%
CHARGE	2	11	0.1%	1.1%
RESERVED CODES:				
INAPPLICABLE	-1	7438	59.2%	(MISS)
REFUSED	-7	5	0.0%	(MISS)
DK	-8	7	0.1%	(MISS)
NOT ASCERTAINED	-9	52	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFRE2 = A29G THERE WAS NO CHARGE REC# 2

A29. Who paid for you to take (NAME 2)?
g. In other words, there was no charge

POSITION: 486-487
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
NO CHARGE	1	356	2.8%	98.7%
CHARGE	2	5	0.0%	1.3%
RESERVED CODES:				
INAPPLICABLE	-1	4190	33.3%	(MISS)
REFUSED	-7	5	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	81	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFRE3 = A29G THERE WAS NO CHARGE REC# 3

A29. Who paid for you to take (NAME 3)?
g. In other words, there was no charge

POSITION: 488-489
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
NO CHARGE	1	233	1.9%	98.4%
CHARGE	2	3	0.0%	1.6%
RESERVED CODES:				
INAPPLICABLE	-1	2583	20.6%	(MISS)
REFUSED	-7	5	0.0%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	56	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDFRE4 = A29G THERE WAS NO CHARGE REC# 4

A29. Who paid for you to take (NAME 4)?
g. In other words, there was no charge

POSITION: 490-491
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
NO CHARGE	1	159	1.3%	98.3%
CHARGE	2	2	0.0%	1.7%
RESERVED CODES:				
INAPPLICABLE	-1	1598	12.7%	(MISS)
REFUSED	-7	5	0.0%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDUNI1 = A29H POST SEC INST PAID-RECODE REC #1

A29. Who paid for you to take (NAME 1)?
h. University or other postsecondary institution

POSITION: 492-493
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	25	0.2%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	8248	65.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDUNI2 = A29H POST SEC INST PAID-RECODE REC #2

A29. Who paid for you to take (NAME 2)?
h. University or other postsecondary institution

POSITION: 494-495
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	16	0.1%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	4627	36.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDUNI3 = A29H POST SEC INST PAID-RECODE REC #3

A29. Who paid for you to take (NAME 3)?
h. University or other postsecondary institution

POSITION: 496-497
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	10	0.1%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	2871	22.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDUNI4 = A29H POST SEC INST PAID-RECODE REC #4

A29. Who paid for you to take (NAME 4)?
h. University or other postsecondary institution

POSITION: 498-499
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	6	0.0%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	1809	14.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDEMP1 = A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 1

A30. Was your employer one of the sources you just mentioned?

POSITION: 500-501
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	3895	31.0%	87.8%
NO	2	476	3.8%	12.2%
RESERVED CODES:				
INAPPLICABLE	-1	3890	31.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	5	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDEMP2 = A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 2

A30. Was your employer one of the sources you just mentioned?

POSITION: 502-503
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	2310	18.4%	89.7%
NO	2	281	2.2%	10.3%
RESERVED CODES:				
INAPPLICABLE	-1	2047	16.3%	(MISS)
NOT ASCERTAINED	-9	5	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDEMP3 = A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 3

A30. Was your employer one of the sources you just mentioned?

POSITION: 504-505
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	1454	11.6%	89.7%
NO	2	177	1.4%	10.3%
RESERVED CODES:				
INAPPLICABLE	-1	1246	9.9%	(MISS)
NOT ASCERTAINED	-9	4	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PAIDEMP4 = A30 EMPLOYER WAS SOURCE OF PAYMEN REC# 4

A30. Was your employer one of the sources you just mentioned?

POSITION: 506-507
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	889	7.1%	88.2%
NO	2	96	0.8%	11.8%
RESERVED CODES:				
INAPPLICABLE	-1	828	6.6%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITION1 = A31 AMOUNT PAID FOR TUITION & FEE REC# 1

A31. How much did you and your family pay for tuition and required fees for (NAME 1)?

POSITION: 508-515
FORMAT: N8

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
TUITION AMOUNT	0.50-10000.00	2996	23.8%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	5053	40.2%	(MISS)
REFUSED	-7	30	0.2%	(MISS)
DK	-8	170	1.4%	(MISS)
NOT ASCERTAINED	-9	24	0.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITION2 = A31 AMOUNT PAID FOR TUITION & FEE REC# 2

A31. How much did you and your family pay for tuition and required fees for (NAME 2)?

POSITION: 516-523
FORMAT: N8

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
TUITION AMOUNT	0.60-8000.00	1603	12.8%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	2940	23.4%	(MISS)
REFUSED	-7	10	0.1%	(MISS)
DK	-8	83	0.7%	(MISS)
NOT ASCERTAINED	-9	7	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITION3 = A31 AMOUNT PAID FOR TUITION & FEE REC# 3

A31. How much did you and your family pay for tuition and required fees for (NAME 3)?

POSITION: 524-531
FORMAT: N8

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
TUITION AMOUNT	0.99-8000.00	965	7.7%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	1848	14.7%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	58	0.5%	(MISS)
NOT ASCERTAINED	-9	6	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITION4 = A31 AMOUNT PAID FOR TUITION & FEE REC# 4

A31. How much did you and your family pay for tuition and required fees for (NAME 4)?

POSITION: 532-539
FORMAT: N8

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
TUITION AMOUNT	1.00-8000.00	621	4.9%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	1160	9.2%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	32	0.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITONE1 = A31A TUITION FOR MORE THAN ONE CO REC# 1

A31a. Was this amount for more than one course?

POSITION: 540-541
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	395	3.1%	14.2%
NO	2	2597	20.7%	85.8%
RESERVED CODES:				
INAPPLICABLE	-1	5277	42.0%	(MISS)
DK	-8	2	0.0%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITONE2 = A31A TUITION FOR MORE THAN ONE CO REC# 2

A31a. Was this amount for more than one course?

POSITION: 542-543
FORMAT. N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	218	1.7%	14.2%
NO	2	1384	11.0%	85.8%
RESERVED CODES:				
INAPPLICABLE	-1	3040	24.2%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITONE3 = A31A TUITION FOR MORE THAN ONE CO REC# 3

A31a. Was this amount for more than one course?

POSITION: 544-545
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	113	0.9%	12.4%
NO	2	852	6.8%	87.6%
RESERVED CODES:				
INAPPLICABLE	-1	1916	15.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITONE4 = A31A TUITION FOR MORE THAN ONE CO REC# 4

A31a. Was this amount for more than one course?

POSITION: 546-547
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	74	0.6%	12.4%
NO	2	546	4.3%	87.6%
RESERVED CODES:				
INAPPLICABLE	-1	1194	9.5%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITNUM1 = A31B NUMBER OF COURSES TUITION CO REC# 1

A31b. How many courses did this payment cover?

POSITION: 548-549
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
NUMBER OF CLASSES	2-27	381	3.0%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	7878	62.7%	(MISS)
DK	-8	13	0.1%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITNUM2 = A31B NUMBER OF COURSES TUITION CO REC# 2

A31b. How many courses did this payment cover?

POSITION: 550-551
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
NUMBER OF CLASSES	2-20	213	1.7%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	4425	35.2%	(MISS)
DK	-8	4	0.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITNUM3 = A31B NUMBER OF COURSES TUITION CO REC# 3

A31b. How many courses did this payment cover?

POSITION: 552-553
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
NUMBER OF CLASSES	2-27	112	0.9%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	2768	22.0%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TUITNUM4 = A31B NUMBER OF COURSES TUITION CO REC# 4

A31b. How many courses did this payment cover?

POSITION: 554-555
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	10753	85.6%	(MISS)
NUMBER OF CLASSES......................	2-27	74	0.6%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	1741	13.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASNUM1 = A32 # WEEKS A10 CLASS SCHEDULED T REC# 1

A32. How many weeks was (NAME 1) scheduled to run?

POSITION: 556-557
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	4295	34.2%	(MISS)
NUMBER OF UNITS SCHEDULED TO RUN......	1-52	7953	63.3%	100.0%
RESERVED CODES:				
REFUSED...........................	-7	4	0.0%	(MISS)
DK................................	-8	250	2.0%	(MISS)
NOT ASCERTAINED..................	-9	66	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASNUM2 = A32 # WEEKS A10 CLASS SCHEDULED T REC# 2

A32. How many weeks was (NAME 2) scheduled to run?

POSITION: 558-559
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	7925	63.1%	(MISS)
NUMBER OF UNITS SCHEDULED TO RUN......	1-52	4485	35.7%	100.0%
RESERVED CODES:				
REFUSED...........................	-7	4	0.0%	(MISS)
DK................................	-8	73	0.6%	(MISS)
NOT ASCERTAINED..................	-9	81	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASNUM3 = A32 # WEEKS A10 CLASS SCHEDULED T REC# 3

A32. How many weeks was (NAME 3) scheduled to run?

POSITION: 560-561
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	9687	77.1%	(MISS)
NUMBER OF UNITS SCHEDULED TO RUN......	1-60	2767	22.0%	100.0%
RESERVED CODES:				
REFUSED...........................	-7	5	0.0%	(MISS)
DK................................	-8	51	0.4%	(MISS)
NOT ASCERTAINED..................	-9	58	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

BEST COPY AVAILABLE

CLASNUM4 = A32 # WEEKS A10 CLASS SCHEDULED T REC# 4

A32. How many weeks was (NAME 4) scheduled to run?

POSITION: 562-563
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
NUMBER OF UNITS SCHEDULED TO RUN......	1-52	1734	13.8%	100.0%
RESERVED CODES:				
REFUSED..........................	-7	4	0.0%	(MISS)
DK...............................	-8	29	0.2%	(MISS)
NOT ASCERTAINED..................	-9	48	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASUNI1 = A32 UNITS A10 CLASS SCHEDULED TO REC# 1

A32. How many weeks did (NAME 1) take to complete?

POSITION: 564-565
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	4295	34.2%	(MISS)
WEEKS.................................	1	6838	54.4%	86.9%
MONTHS................................	2	571	4.5%	6.5%
SEMESTERS.............................	3	265	2.1%	2.8%
QUARTERS..............................	4	42	0.3%	0.4%
YEARS.................................	5	228	1.8%	3.3%
RESERVED CODES:				
INAPPLICABLE.....................	-1	254	2.0%	(MISS)
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	7	0.1%	(MISS)
NOT ASCERTAINED..................	-9	67	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASUNI2 = A32 UNITS A10 CLASS SCHEDULED TO REC# 2

A32. How many weeks did (NAME 2) take to complete?

POSITION: 566-567
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	7925	63.1%	(MISS)
WEEKS.................................	1	3981	31.7%	89.9%
MONTHS................................	2	219	1.7%	4.2%
SEMESTERS.............................	3	189	1.5%	3.7%
QUARTERS..............................	4	29	0.2%	0.6%
YEARS.................................	5	61	0.5%	1.6%
RESERVED CODES:				
INAPPLICABLE.....................	-1	77	0.6%	(MISS)
DK...............................	-8	5	0.0%	(MISS)
NOT ASCERTAINED..................	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASUNI3 = A32 UNITS A10 CLASS SCHEDULED TO REC# 3

A32. How many weeks did (NAME 3) take to complete?

POSITION: 568-569
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9687	77.1%	(MISS)
WEEKS.................................	1	2505	19.9%	91.0%
MONTHS................................	2	103	0.8%	3.9%
SEMESTERS.............................	3	117	0.9%	3.7%
QUARTERS..............................	4	15	0.1%	0.5%
YEARS.................................	5	24	0.2%	0.9%
RESERVED CODES:				
INAPPLICABLE.....................	-1	56	0.4%	(MISS)
DK...............................	-8	3	0.0%	(MISS)
NOT ASCERTAINED..................	-9	58	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASUNI4 = A32 UNITS A10 CLASS SCHEDULED TO REC# 4

A32. How many weeks did (NAME 4) take to complete?

POSITION: 570-571
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
WEEKS	1	1573	12.5%	90.9%
MONTHS	2	54	0.4%	3.4%
SEMESTERS	3	74	0.6%	4.0%
QUARTERS	4	12	0.1%	0.8%
YEARS	5	21	0.2%	1.0%
RESERVED CODES:				
INAPPLICABLE	-1	33	0.3%	(MISS)
NOT ASCERTAINED	-9	48	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASHRS1 = A33 # HOURS PER WEEK A10 CLASS SC REC# 1

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME 1)?

POSITION: 572-573
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
HOURS PER WEEK	1-84	8040	64.0%	100.0%
RESERVED CODES:				
REFUSED	-7	5	0.0%	(MISS)
DK	-8	158	1.3%	(MISS)
NOT ASCERTAINED	-9	70	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASHRS2 = A33 # HOURS PER WEEK A10 CLASS SC REC# 2

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME 2)?

POSITION: 574-575
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
HOURS PER WEEK	1-74	4489	35.7%	100.0%
RESERVED CODES:				
REFUSED	-7	4	0.0%	(MISS)
DK	-8	68	0.5%	(MISS)
NOT ASCERTAINED	-9	82	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASHRS3 = A33 # HOURS PER WEEK A10 CLASS SC REC# 3

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME 3)?

POSITION: 576-577
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
HOURS PER WEEK	1-65	2788	22.2%	100.0%
RESERVED CODES:				
REFUSED	-7	4	0.0%	(MISS)
DK	-8	31	0.2%	(MISS)
NOT ASCERTAINED	-9	58	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CLASHRS4 = A33 # HOURS PER WEEK A10 CLASS SC REC# 4

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME 4)?

POSITION: 578-579
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
HOURS PER WEEK	1-52	1741	13.9%	100.0%
RESERVED CODES:				
REFUSED	-7	4	0.0%	(MISS)
DK	-8	23	0.2%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

COMPLET1 = A34 COMPLETED A10 CLASS REC# 1

A34. Did you complete (NAME 1)?

POSITION: 580-581
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
YES	1	6674	53.1%	82.1%
NO	2	1513	12.0%	17.9%
RESERVED CODES:				
REFUSED	-7	1	0.0%	(MISS)
DK	-8	15	0.1%	(MISS)
NOT ASCERTAINED	-9	70	0.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

COMPLET2 = A34 COMPLETED A10 CLASS REC# 2

A34. Did you complete (NAME 2)?

POSITION: 582-583
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
YES	1	3882	30.9%	85.7%
NO	2	669	5.3%	14.3%
RESERVED CODES:				
REFUSED	-7	2	0.0%	(MISS)
DK	-8	7	0.1%	(MISS)
NOT ASCERTAINED	-9	83	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

COMPLET3 = A34 COMPLETED A10 CLASS REC# 3

A34. Did you complete (NAME 3)?

POSITION: 584-585
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
YES	1	2458	19.6%	88.7%
NO	2	359	2.9%	11.3%
RESERVED CODES:				
REFUSED	-7	3	0.0%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	58	0.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

COMPLET4 = A34 COMPLETED A10 CLASS REC# 4

A34. Did you complete (NAME 4)?

POSITION: 586-587
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	10753	85.6%	(MISS)
YES	1	1594	12.7%	91.2%
NO	2	166	1.3%	8.8%
RESERVED CODES:				
REFUSED	-7	3	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	47	0.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKING1 = A34A STILL TAKING COURSE OR DROPP REC# 1

A34a. Are you still taking (NAME 1) or did you drop it before finishing?

POSITION: 588-589
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	4295	34.2%	(MISS)
STILL TAKING COURSE	1	1269	10.1%	82.8%
DROPPED COURSE	2	243	1.9%	17.2%
RESERVED CODES:				
INAPPLICABLE	-1	6760	53.8%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKING2 = A34A STILL TAKING COURSE OR DROPP REC# 2

A34a. Are you still taking (NAME 1) or did you drop it before finishing?

POSITION: 590-591
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	7925	63.1%	(MISS)
STILL TAKING COURSE	1	560	4.5%	83.8%
DROPPED COURSE	2	108	0.9%	16.2%
RESERVED CODES:				
INAPPLICABLE	-1	3974	31.6%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKING3 = A34A STILL TAKING COURSE OR DROPP REC# 3

A34a. Are you still taking (NAME 1) or did you drop it before finishing?

POSITION: 592-593
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	9687	77.1%	(MISS)
STILL TAKING COURSE	1	289	2.3%	73.4%
DROPPED COURSE	2	69	0.5%	26.6%
RESERVED CODES:				
INAPPLICABLE	-1	2522	20.1%	(MISS)
DK	-8	1	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

TAKING4 = A34A STILL TAKING COURSE OR DROPP REC# 4

A34a. Are you still taking (NAME 1) or did you drop it before finishing?

POSITION: 594-595
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	10753	85.6%	(MISS)
STILL TAKING COURSE..................	1	136	1.1%	84.3%
DROPPED COURSE.......................	2	30	0.2%	15.7%
RESERVED CODES:				
INAPPLICABLE......................	-1	1649	13.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

BASIC = A15 AE COURSES INCL BASIC SKILLS TR

A15. Did you take any course in the past 12 months that involved training in basic skills such as math, and reading and writing English?

POSITION: 596-597
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	416	3.3%	4.8%
NO....................................	2	7636	60.8%	95.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	4203	33.4%	(MISS)
REFUSED...........................	-7	1	0.0%	(MISS)
DK................................	-8	2	0.0%	(MISS)
NOT ASCERTAINED...................	-9	310	2.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

ENGLISH = A16 AE COURSES FOR ENG AS 2ND LANG

A16. Did you take any course in the past 12 months that involved instruction in English as a Second Language?

POSITION: 598-599
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	117	0.9%	1.4%
NO....................................	2	8061	64.1%	98.6%
RESERVED CODES:				
INAPPLICABLE......................	-1	4075	32.4%	(MISS)
DK................................	-8	2	0.0%	(MISS)
NOT ASCERTAINED...................	-9	313	2.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

CITIZEN = A35 AE COURSES FOR NATURALIZATION

A35. Did you take any course in the past 12 months to prepare for naturalization as an American citizen?

POSITION: 600-601
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	35	0.3%	0.8%
NO....................................	2	8137	64.7%	99.2%
RESERVED CODES:				
INAPPLICABLE......................	-1	4075	32.4%	(MISS)
DK................................	-8	3	0.0%	(MISS)
NOT ASCERTAINED...................	-9	318	2.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

AECOURSE = A36 TAKEN ANY AE COURSES (EXCL FT)

A36. Not counting full-time school, have you ever taken any adult education courses or participated in any organized adult education activities?

POSITION: 602-603
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1252	10.0%	32.7%
NO	2	2720	21.6%	67.3%
RESERVED CODES:				
INAPPLICABLE	-1	8493	67.6%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	5	0.0%	(MISS)
NOT ASCERTAINED	-9	96	0.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

AEPAST3 = A37 TAKEN AE COURSES IN PAST 3 YRS

A37. Was this in the past three years (since spring 1988)?

POSITION: 604-605
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	492	3.9%	30.1%
NO	2	749	6.0%	69.9%
RESERVED CODES:				
INAPPLICABLE	-1	11316	90.0%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	10	0.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

AEJOB = A38 AE COURSES BENEFIT CAREER

A38. Thinking of yourself, can you see any benefit to your job or career in taking (additional) adult education courses or participating in adult education activities?

POSITION: 606-607
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	8668	69.0%	54.6%
NO	2	3437	27.3%	45.4%
RESERVED CODES:				
REFUSED	-7	3	0.0%	(MISS)
DK	-8	95	0.8%	(MISS)
NOT ASCERTAINED	-9	365	2.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

AEBASIC = A39 AE COURSES BENEFIT BASIC SKILLS

A39. Can you see any benefit of (additional) adult education for your basic reading, writing, or mathematics skills?

POSITION: 608-609
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4864	38.7%	36.3%
NO	2	7293	58.0%	63.7%
RESERVED CODES:				
REFUSED	-7	1	0.0%	(MISS)
DK	-8	44	0.4%	(MISS)
NOT ASCERTAINED	-9	366	2.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

AELICENS = A40 AE COURSES HELP OBTAIN/RENEW LICENSE

A40. Would you have any use for (additional) adult education courses or activities to help you to obtain or renew a license or certification in a trade or profession?

POSITION: 610-611
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4725	37.6%	32.0%
NO	2	7402	58.9%	68.0%
RESERVED CODES:				
REFUSED	-7	2	0.0%	(MISS)
DK	-8	70	0.6%	(MISS)
NOT ASCERTAINED	-9	369	2.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVJOB = A41A PREVENT AE-YOUR WORK SCHEDULE

A41. Have any of the following things kept you from participating in (additional) adult education?
a. Your work schedule

POSITION: 612-613
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4268	34.0%	35.6%
NO	2	5801	46.2%	64.4%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	370	2.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVTIME = A41B PREVENT AE-MEETING TIMES OF CLASSES

A41. Have any of the following things kept you from participating in (additional) adult education?
b. The meeting times of classes

POSITION: 614-615
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3580	28.5%	28.4%
NO	2	6448	51.3%	71.6%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	49	0.4%	(MISS)
NOT ASCERTAINED	-9	371	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVCOST = A41C PREVENT AE-COST OF CLASSES

A41. Have any of the following things kept you from participating in (additional) adult education?
c. The cost of classes

POSITION: 616-617
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3213	25.6%	30.3%
NO	2	6813	54.2%	69.7%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
DK	-8	50	0.4%	(MISS)
NOT ASCERTAINED	-9	373	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVLOCA = A41D PREVENT AE-LOCATION OF CLASSES

A41. Have any of the following things kept you from participating in (additional) adult education?
d. The location of classes

POSITION: 618-619
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2207	17.6%	18.5%
NO	2	7819	62.2%	81.5%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
DK	-8	50	0.4%	(MISS)
NOT ASCERTAINED	-9	373	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVTRAN = A41E PREVENT AE-LACK OF TRANSPORTATION

A41. Have any of the following things kept you from participating in (additional) adult education?
e. Lack of transportation to classes

POSITION: 620-621
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	644	5.1%	9.7%
NO	2	9422	75.0%	90.3%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	373	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVCHIL = A41F PREVENT AE-LACK OF CHILD CARE

A41. Have any of the following things kept you from participating in (additional) adult education?
f. Lack of child care

POSITION: 622-623
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1048	8.3%	15.7%
NO	2	9017	71.7%	84.3%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	10	0.1%	(MISS)
NOT ASCERTAINED	-9	373	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVFAM = A41G PREVENT AE-OTH FAMILY RESPONSIBILIT

A41. Have any of the following things kept you from participating in (additional) adult education?
g. Other family responsibilities

POSITION: 624-625
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2707	21.5%	26.3%
NO	2	7357	58.5%	73.7%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	9	0.1%	(MISS)
NOT ASCERTAINED	-9	375	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVINFO = A41H PREVENT AE-LACK OF INFO AB CLASSES

A41. Have any of the following things kept you from participating in (additional) adult education?
h. Lack of information about available classes

POSITION: 626-627
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1680	13.4%	15.9%
NO	2	8347	66.4%	84.1%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	44	0.4%	(MISS)
NOT ASCERTAINED	-9	376	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVINT = A41I PREVENT AE-NO INTERESTING CLASSES

A41. Have any of the following things kept you from participating in (additional) adult education?
i. Classes of interest are not offered

POSITION: 628-629
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1922	15.3%	15.8%
NO	2	8037	63.9%	84.2%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	110	0.9%	(MISS)
NOT ASCERTAINED	-9	378	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVOTHR = A41J PREVENT AE-SOME OTHER REASON

A41. Have any of the following things kept you from participating in (additional) adult education?
j. Was there anything else that might have kept you from participating

POSITION: 630-631
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	167	1.3%	1.5%
NO	2	9884	78.6%	98.5%
RESERVED CODES:				
INAPPLICABLE	-1	2119	16.9%	(MISS)
REFUSED	-7	1	0.0%	(MISS)
DK	-8	19	0.2%	(MISS)
NOT ASCERTAINED	-9	378	3.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVOLD = A41K OLD AGE-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
k. Old age

POSITION: 632-633
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	36	0.3%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	12532	99.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVSICK = A41L SICKNESS-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
l. Sickness

POSITION: 634-635
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	110	0.9%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12458	99.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVDSIR = A41M NO INTEREST/DESIRE-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
m. No interest/desire

POSITION: 636-637
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	200	1.6%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12368	98.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVMOTV = A41N MOTIVATION-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
n. Motivation

POSITION: 638-639
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	82	0.7%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12486	99.3%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVTIRD = A41O TIRED/EXHAUSTED-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
o. Tired/exhausted

POSITION: 640-641
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	38	0.3%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12530	99.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

PREVBUSY = A41P GENERAL TIME PROBLEM/BUSY-RECODE

A41. Have any of the following things kept you from participating in (additional) adult education?
p. General time problem/busy

POSITION: 642-643
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	171	1.4%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12397	98.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

RACEVER = A42A RACE VERIFICATION

A42a. What is your race?

POSITION: 644-645
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WHITE..................................	1	10377	82.6%	82.6%
BLACK..................................	2	1368	10.9%	11.5%
NATIVE AMERICAN OR ALASKAN NATIVE.....	3	73	0.6%	0.8%
ASIAN OR PACIFIC ISLANDER.............	4	253	2.0%	1.6%
SOME OTHER RACE.......................	91	497	4.0%	3.5%
TOTALS:		12568	100.0%	100.0%

HISPVER = A42A1 RESPONDENT OF HISPANIC ORIGIN

A42a1. Are you of Hispanic origin?

POSITION: 646-647
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	1064	8.5%	7.6%
NO.....................................	2	11504	91.5%	92.4%
TOTALS:		12568	100.0%	100.0%

SEXVER = A42B S10E GENDER VERIFICATION

A42b. (ASK ONLY IF NOT OBVIOUS) Are you male or female?

POSITION: 648-649
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
MALE...................................	1	5708	45.4%	45.2%
FEMALE.................................	2	6860	54.6%	54.8%
TOTALS:		12568	100.0%	100.0%

EVERMARI = A43 EVER MARRIED

A43. Have you ever been married?

POSITION: 650-651
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	9165	72.9%	79.8%
NO.....................................	2	3403	27.1%	20.2%
TOTALS:		12568	100.0%	100.0%

MARISTAT = A44 CURRENTLY MARRIED

A44. Are you currently married, separated, divorced, or widowed?

POSITION: 652-653
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
MARRIED................................	1	7399	58.9%	78.5%
SEPARATED..............................	2	242	1.9%	3.0%
DIVORCED...............................	3	1112	8.8%	10.6%
WIDOWED................................	4	412	3.3%	7.9%
RESERVED CODES:				
INAPPLICABLE......................	-1	3403	27.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

WORKPAY = A45 EVER WORKED AT A JOB FOR PAY

A45. Have you ever worked at a job for pay?

POSITION: 654-655
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	4910	39.1%	95.9%
NO.....................................	2	171	1.4%	4.1%
RESERVED CODES:				
INAPPLICABLE......................	-1	7144	56.8%	(MISS)
REFUSED...........................	-7	7	0.1%	(MISS)
DK................................	-8	1	0.0%	(MISS)
NOT ASCERTAINED...................	-9	335	2.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

WORKWEEK = A45A WORKED AT A JOB FOR PAY LAST WEEK

A45a. During the past week did you work at a job for pay?

POSITION: 656-657
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	9202	73.2%	62.2%
NO.....................................	2	2076	16.5%	23.6%
RETIRED................................	3	677	5.4%	14.3%
RESERVED CODES:				
INAPPLICABLE......................	-1	514	4.1%	(MISS)
REFUSED...........................	-7	4	0.0%	(MISS)
DK................................	-8	1	0.0%	(MISS)
NOT ASCERTAINED...................	-9	94	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

VACATION = A46 ON LEAVE OR VACATION FROM A JOB

A46. Were you on leave or vacation from a job?

POSITION: 658-659
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	355	2.8%	13.6%
NO.....................................	2	1719	13.7%	86.4%
RESERVED CODES:				
INAPPLICABLE......................	-1	10393	82.7%	(MISS)
REFUSED...........................	-7	5	0.0%	(MISS)
DK................................	-8	2	0.0%	(MISS)
NOT ASCERTAINED...................	-9	94	0.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

LEAVEMM = A51 MNTH RESPONDENT LEFT MOST RECENT JOB

A51. In what month and year did you leave this job?

POSITION: 660-661
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
MONTH..................................	1-12	2037	16.2%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	10071	80.1%	(MISS)
REFUSED...........................	-7	38	0.3%	(MISS)
DK................................	-8	313	2.5%	(MISS)
NOT ASCERTAINED...................	-9	109	0.9%	(MISS)
TOTALS:		12568	100.0%	100.0%

LEAVEYY = A51 YEAR RESPONDENT LEFT MOST RECENT JOB

A51. In what month and year did you leave this job?

POSITION: 662-663
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YEAR LEFT JOB..........................	27-91	2181	17.4%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	10071	80.1%	(MISS)
REFUSED..........................	-7	42	0.3%	(MISS)
DK...............................	-8	169	1.3%	(MISS)
NOT ASCERTAINED..................	-9	105	0.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

WORKHRS = A52 HOURS PER WEEK WORK FOR PAY

A52. About how many total hours per week (do/did) you usually work for pay?

POSITION: 664-666
FORMAT: N3

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
HOURS WORKED PER WEEK.................	1-100	11753	93.5%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	514	4.1%	(MISS)
REFUSED..........................	-7	46	0.4%	(MISS)
DK...............................	-8	132	1.1%	(MISS)
NOT ASCERTAINED..................	-9	123	1.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

LOOKWORK = A54 LOOKING FOR WORK ON PAST 4 WEEKS

A54. Have you been actively looking for work in the past 4 weeks?

POSITION: 667-668
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	501	4.0%	23.8%
NO...................................	2	1380	11.0%	76.2%
RESERVED CODES:				
INAPPLICABLE.....................	-1	10234	81.4%	(MISS)
REFUSED..........................	-7	11	0.1%	(MISS)
DK...............................	-8	5	0.0%	(MISS)
NOT ASCERTAINED..................	-9	437	3.5%	(MISS)
TOTALS:		12568	100.0%	100.0%

LOOKPUBL = A55A CHECKED W/PUBLIC EMPLOYMENT AGENCY

A55. What have you been doing in the last 4 weeks to find work?
a. CHECKED WITH PUBLIC EMPLOYMENT AGENCY

POSITION: 669-670
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	129	1.0%	33.1%
NO...................................	2	372	3.0%	66.9%
RESERVED CODES:				
INAPPLICABLE.....................	-1	12067	96.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

```
LOOKPRIV = A55B CHECKED W/PRIVATE EMPLOYMENT AGENCY
--------

A55. What have you been doing in the last 4 weeks to find work?
b.  CHECKED WITH PRIVATE EMPLOYMENT AGENCY

       POSITION:  671-672
       FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                    CODES      FREQ    PERCENT   PERCENT
--------                                   -------   -------  --------  --------
YES...................................           1       105      0.8%     16.5%
NO....................................           2       396      3.2%     83.5%
RESERVED CODES:
       INAPPLICABLE.....................        -1     12067     96.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

LOOKEMPL = A55C CHECKED WITH EMPLOYER DIRECTLY
--------

A55. What have you been doing in the last 4 weeks to find work?
c.  CHECKED WITH EMPLOYER DIRECTLY

       POSITION:  673-674
       FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                    CODES      FREQ    PERCENT   PERCENT
--------                                   -------   -------  --------  --------
YES...................................           1       306      2.4%     54.1%
NO....................................           2       195      1.6%     45.9%
RESERVED CODES:
       INAPPLICABLE.....................        -1     12067     96.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%
```

```
LOOKFRND = A55D CHECKED WITH FRIENDS OR RELATIVES
--------

A55. What have you been doing in the last 4 weeks to find work?
d.  CHECKED WITH FRIENDS OR RELATIVES

       POSITION:  675-676
       FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                    CODES      FREQ    PERCENT   PERCENT
--------                                   -------   -------  --------  --------
YES...................................           1       137      1.1%     18.3%
NO....................................           2       364      2.9%     81.7%
RESERVED CODES:
       INAPPLICABLE.....................        -1     12067     96.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

LOOKADS  = A55E PLACED OR ANSWERED ADS
-------

A55. What have you been doing in the last 4 weeks to find work?
e.  PLACED OR ANSWERED ADS

       POSITION:  677-678
       FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                    CODES      FREQ    PERCENT   PERCENT
--------                                   -------   -------  --------  --------
YES...................................           1       269      2.1%     49.6%
NO....................................           2       232      1.8%     50.4%
RESERVED CODES:
       INAPPLICABLE.....................        -1     12067     96.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

LOOKNOTH = A55F DID NTHING TO FIND WORK
--------

A55. What have you been doing in the last 4 weeks to find work?
f.  NOTHING THAT QUALIFIES

       POSITION:  679-680
       FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                    CODES      FREQ    PERCENT   PERCENT
--------                                   -------   -------  --------  --------
YES...................................           1        12      0.1%      1.8%
NO....................................           2       489      3.9%     98.2%
RESERVED CODES:
       INAPPLICABLE.....................        -1     12067     96.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%
```

LOOKOTHR = A55G DID SOMETHING ELSE TO FIND WORK

A55. What have you been doing in the last 4 weeks to find work?
g. OTHER

POSITION: 681-682
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	28	0.2%	5.9%
NO	2	473	3.8%	94.1%
RESERVED CODES:				
INAPPLICABLE	-1	12067	96.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

LASTACTY = A56 MAIN ACTIVITY LAST WEEK

A56. What were you doing most of last week?

POSITION: 683-684
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
KEEPING HOUSE/CARING FOR CHILDREN	1	481	3.8%	54.8%
GOING TO SCHOOL	2	57	0.5%	2.1%
RETIRED	3	113	0.9%	13.5%
UNABLE TO WORK	4	74	0.6%	13.4%
OTHER (SPECIFY)	91	215	1.7%	16.2%
RESERVED CODES:				
INAPPLICABLE	-1	11217	89.3%	(MISS)
REFUSED	-7	8	0.1%	(MISS)
DK	-8	1	0.0%	(MISS)
NOT ASCERTAINED	-9	402	3.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

UNDER16 = A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU

A57. Do you have any children under 16 years of age who live with you?

POSITION: 685-686
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4125	32.8%	37.9%
NO	2	8443	67.2%	62.1%
TOTALS:		12568	100.0%	100.0%

UNDER16N = A58 # OF KIDS < 16 WHO LIVE W/ YOU

A58. How many do you have?

POSITION: 687-688
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF CHILDREN < 16	1-10	3983	31.7%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	8443	67.2%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
NOT ASCERTAINED	-9	140	1.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

HIGHGRAD = A59 HIGHEST GRADE COMPLETED

A59. What is the highest grade or year of school that you completed?

POSITION: 689-690
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
UP TO EIGHTH GRADE....................	1	264	2.1%	5.6%
NINTH TO ELEVENTH GRADE...............	2	618	4.9%	9.8%
HIGH SCHOOL DIPLOMA OR EQUIVALENT.....	3	3668	29.2%	36.9%
VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL	4	424	3.4%	3.8%
1-2 YEARS OF COLLEGE..................	5	2251	17.9%	13.7%
ASSOCIATE'S DEGREE....................	6	473	3.8%	2.8%
3-4 YEARS OF COLLEGE..................	7	1052	8.4%	6.5%
BACHELOR'S DEGREE.....................	8	2200	17.5%	12.9%
GRADUATE OR PROFESSIONAL SCHOOL.......	9	1618	12.9%	8.0%
TOTALS:		12568	100.0%	100.0%

HSDIPLMA = A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV

A60. Did you receive a high school diploma or its equivalent?

POSITION: 691-692
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	2648	21.1%	98.2%
NO.....................................	2	27	0.2%	1.8%
RESERVED CODES:				
INAPPLICABLE......................	-1	9893	78.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

MAINACTY = A61 MAIN ACTIVITY IN PAST 12 MONTHS

A61. In general, which of the following would you consider your primary activity during the past 12 months.

POSITION: 693-694
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
PURSUING AN EDUCATION.................	1	1776	14.1%	8.4%
WORKING AT A JOB......................	2	7832	62.3%	55.1%
KEEPING HOUSE OR CARING FOR CHILDREN..	3	1374	10.9%	18.6%
SOMETHING ELSE........................	91	400	3.2%	4.3%
RETIRED...............................	92	533	4.2%	11.7%
SICK OR DISABLED......................	93	77	0.6%	2.0%
RESERVED CODES:				
REFUSED...........................	-7	14	0.1%	(MISS)
DK................................	-8	92	0.7%	(MISS)
NOT ASCERTAINED...................	-9	470	3.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

LIBMO = A62 USED PUBLIC LIBRARY IN PAST MONTH?

A62. Have you used a public library or public library program in the past month?

POSITION: 695-696
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	5112	40.7%	31.8%
NO....................................	2	6980	55.5%	68.2%
RESERVED CODES:				
REFUSED...........................	-7	4	0.0%	(MISS)
DK................................	-8	2	0.0%	(MISS)
NOT ASCERTAINED...................	-9	470	3.7%	(MISS)
TOTALS:		12568	100.0%	100.0%

LIBYR = A63 USED PUBLIC LIBRARY IN PAST YEAR?

A63. In the past year?

POSITION: 697-698
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3055	24.3%	30.5%
NO	2	3917	31.2%	69.5%
RESERVED CODES:				
INAPPLICABLE	-1	5586	44.4%	(MISS)
DK	-8	8	0.1%	(MISS)
NOT ASCERTAINED	-9	2	0.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

CENSUSDV = CENSUS DIVISION

CENSUS DIVISION

POSITION: 699-700
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NEW ENGLAND	1	822	6.5%	6.8%
MIDDLE ATLANTIC	2	1831	14.6%	14.1%
EAST NORTH CENTRAL	3	2332	18.6%	16.7%
WEST NORTH CENTRAL	4	1051	8.4%	7.4%
SOUTH ATLANTIC	5	2009	16.0%	16.8%
EAST SOUTH CENTRAL	6	579	4.6%	6.0%
WEST SOUTH CENTRAL	7	1209	9.6%	11.4%
MOUNTAIN	8	761	6.1%	6.2%
PACIFIC	9	1974	15.7%	14.6%
TOTALS:		12568	100.0%	100.0%

CENSUSRG = CENSUS REGION

CENSUS REGION

POSITION: 701-702
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NORTHEAST	1	2653	21.1%	20.9%
MIDWEST	2	3383	26.9%	24.1%
SOUTH	3	3797	30.2%	34.2%
WEST	4	2735	21.8%	20.8%
TOTALS:		12568	100.0%	100.0%

MAINRSLT = RESULT FOR THIS RESPONDENT

RESULT FOR THIS RESPONDENT

POSITION: 703-704
FORMAT: A2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
ADULT EDUCATION PARTICIPANT	CA	9774	77.8%	37.9%
ADULT EDUCATION NONPARTICIPANT	CN	2794	22.2%	62.1%
TOTALS:		12568	100.0%	100.0%

MILFLG = MILITARY FLAG

MILITARY FLAG

POSITION: 705-706
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	135	1.1%	(MISS)
RESERVED CODES:				
INAPPLICABLE	-1	12433	98.9%	(MISS)
TOTALS:		12568	100.0%	0.0%

PSU = FOR TAYLOR SERIES VARIANCE

FOR TAYLOR SERIES VARIANCE

POSITION: 707-708
FORMAT: A2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
1....................................	1	6284	50.0%	51.9%
2....................................	2	6284	50.0%	48.1%
TOTALS:		12568	100.0%	100.0%

REGION = DEPARTMENT OF EDUCATION REGION

DEPARTMENT OF EDUCATION REGION

POSITION: 709-710
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NORTHEAST............................	1	2997	23.8%	23.1%
CENTRAL..............................	2	3383	26.9%	24.1%
SOUTHEAST............................	3	2504	19.9%	22.8%
WEST.................................	4	3684	29.3%	29.9%
TOTALS:		12568	100.0%	100.0%

SAMPSTAT = PARTICIPATION STATUS AT SAMPLING

PARTICIPATION STATUS AT SAMPLING

POSITION: 711-712
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NONPARTICIPANT.......................	1	1419	11.3%	63.8%
FULL-TIME DEGREE SEEKING.............	2	706	5.6%	4.6%
OTHER(PART-TIME).....................	3	10443	83.1%	31.6%
TOTALS:		12568	100.0%	100.0%

SIC = INDUSTRY CODE

INDUSTRY CODE

POSITION: 713-716
FORMAT: A4

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
AGRICULTURE, FORESTRY, AND FISHING....	A	180	1.4%	3.1%
MINING................................	B	67	0.5%	0.8%
CONSTRUCTION..........................	C	411	3.3%	4.4%
MANUFACTURING.........................	D	1538	12.2%	15.1%
TRANSPORTATION AND PUBLIC UTILITIES...	E	454	3.6%	3.0%
WHOLESALE TRADE.......................	F	155	1.2%	1.6%
RETAIL TRADE..........................	G	1567	12.5%	14.9%
FINANCE, INSURANCE, AND REAL ESTATE...	H	866	6.9%	5.7%
SERVICES..............................	I	1795	14.3%	15.9%
PUBLIC ADMINISTRATION.................	J	26	0.2%	0.2%
NONCLASSIFIABLE ESTABLISHMENTS........	K	393	3.1%	3.5%
INDUSTRIAL MACHINERY AND EQUIPMENT....	D35	11	0.1%	0.0%
ELECTRONIC AND OTHER ELECTRIC EQUIPMEN	D36	82	0.7%	0.4%
TRANSPORTATION EQUIPMENT..............	D37	120	1.0%	1.1%
LOCAL AND INTERURBAN PASSENGER TRANSIT	E41	12	0.1%	0.1%
TRUCKING AND WAREHOUSING..............	E42	86	0.7%	1.7%
U.S. POSTAL SERVICE...................	E43	71	0.6%	0.7%
COMMUNICATIONS........................	E48	66	0.5%	0.4%
ELECTRIC, GAS, AND SANITARY SERVICES..	E49	22	0.2%	0.3%
HEALTH SERVICES.......................	I80	1254	10.0%	8.6%
LEGAL SERVICES........................	I81	156	1.2%	1.0%
ENGINEERING AND MANAGEMENT............	I87	84	0.7%	0.7%
COMPUTER AND DATA PROCESSING..........	I737	71	0.6%	0.3%
ELEMENTARY AND SECONDARY SCHOOLS......	I821	468	3.7%	3.0%
COLLEGES AND UNIVERSITIES.............	I822	446	3.5%	2.6%
VOCATIONAL SCHOOL.....................	I824	15	0.1%	0.1%
FEDERAL GOVERNMENT....................	J914	212	1.7%	1.2%
STATE OR LOCAL GOVERNMENT.............	J915	1254	10.0%	9.3%
NATIONAL SECURITY.....................	J971	172	1.4%	0.4%
RESERVED CODES:				
INAPPLICABLE......................	-1	514	4.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

SOC = OCCUPATION CODE

OCCUPATION CODE

POSITION: 717-720
FORMAT: A4

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIO	A	798	6.3%	4.5%
ENGINEERS, SURVEYORS, AND ARCHITECTS..	B	231	1.8%	1.5%
NATURAL SCIENTISTS, AND MATHEMATICIANS	C	59	0.5%	0.3%
WRITERS,ARTISTS,ENTERTAINERS, ATHLETES	H	229	1.8%	1.6%
HEALTH TECHNOLOGISTS AND TECHNICIANS..	I	174	1.4%	1.0%
MARKETING AND SALES OCCUPATIONS.......	K	1408	11.2%	11.4%
ADMINISTRATIVE SUPPORT, INCL CLERICAL.	L	3034	24.1%	24.8%
SERVICE OCCUPATIONS...................	M	1570	12.5%	16.2%
AGRICULTURE,FORESTRY,FISHING OCCUPATIO	N	145	1.2%	2.5%
MECHANICS AND REPAIRERS...............	O	244	1.9%	2.6%
CONSTUCTION AND EXTRACTIVE OCCUPATIONS	P	314	2.5%	3.4%
PRECISION PRODUCTION OCCUPATIONS......	Q	135	1.1%	1.4%
PRODUCTION WORKING OCCUPATIONS........	R	673	5.4%	9.0%
TRANSPORTATION, MATERIAL MOVING.......	S	79	0.6%	0.7%
HANDLERS,EQUIP. CLEANERS,HELPERS,LABOR	T	207	1.6%	2.5%
MILITARY OCCUPATIONS..................	U	34	0.3%	0.1%
UNEMPL,RETIRED,DISABLED,UNCLASSIFIABLE	Z	155	1.2%	1.6%
SOCIAL SCIENTISTS, AND URBAN PLANNERS.	D19	10	0.1%	0.0%
SOCIAL,RECREATION,AND RELIGIOUS WORKER	D20	153	1.2%	0.8%
LAWYERS AND JUDGES....................	D21	100	0.8%	0.7%
TEACHERS;COLL.,UNIV.,POSTSECONDARY INS	E22	118	0.9%	0.5%
TEACHERS, EXCEPT POSTSECONDARY INST...	E23	884	7.0%	4.8%
VOCATIONAL AND EDUCATIONAL COUNSELORS.	E24	17	0.1%	0.2%
LIBRARIANS, ARCHIVISTS, AND CURATORS..	E25	39	0.3%	0.3%
PHYSICIANS AND DENTISTS...............	F26	98	0.8%	0.5%
VETERINARIANS.........................	F27	8	0.1%	0.1%
OTHER HEALTH DIAG/TREATING PRACTITIONE	F28	29	0.2%	0.2%
REGISTERED NURSES.....................	G29	350	2.8%	2.2%
PHARM.,DIET.,THERAPISTS,PHYSICIAN'S AS	G30	141	1.1%	0.5%
ENGINEERING/TECHNOLOGISTS,TECHNICIANS.	J37	88	0.7%	0.4%
SCIENCE TECHNOLOGISTS AND TECHNICIANS.	J38	19	0.2%	0.1%
TECHNICIANS;EXCEPT HEALTH,ENG.,SCIENCE	J39	116	0.9%	0.5%
COMPUTER SCIENTISTS...................	C171	91	0.7%	0.4%
VEHICLE,MOBILE EQUIP. MECHANICS/REPAIR	0611	84	0.7%	0.6%
ELECTRIC,ELECTRONIC EQUIPMENT REPAIRER	0615	67	0.5%	0.3%
MOTOR VEHICLE OPERATORS...............	S821	153	1.2%	1.9%
RESERVED CODES:				
INAPPLICABLE.....................	-1	514	4.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

URBAN = URBANICITY

URBANICITY

POSITION: 721-722
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NON...................................	0	2495	19.9%	24.4%
MSA...................................	1	10073	80.1%	75.6%
TOTALS:		12568	100.0%	100.0%

VSTRAT = FOR TAYLOR SERIES VARIANCE

FOR TAYLOR SERIES VARIANCE

POSITION: 723-724
FORMAT: A2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
1.	1	182	1.4%	1.2%
2.	2	182	1.4%	1.5%
3.	3	201	1.6%	1.5%
4.	4	191	1.5%	1.7%
5.	5	179	1.4%	1.5%
6.	6	169	1.3%	1.2%
7.	7	167	1.3%	1.4%
8.	8	158	1.3%	0.9%
9.	9	157	1.2%	1.3%
10.	10	171	1.4%	1.4%
11.	11	169	1.3%	0.9%
12.	12	149	1.2%	1.3%
13.	13	197	1.6%	1.6%
14.	14	166	1.3%	1.5%
15.	15	177	1.4%	1.2%
16.	16	184	1.5%	1.6%
17.	17	184	1.5%	1.8%
18.	18	166	1.3%	1.5%
19.	19	196	1.6%	1.5%
20.	20	186	1.5%	1.6%
21.	21	182	1.4%	1.4%
22.	22	193	1.5%	1.5%
23.	23	187	1.5%	1.7%
24.	24	295	2.3%	2.3%
25.	25	326	2.6%	3.1%
26.	26	281	2.2%	2.5%
27.	27	346	2.8%	2.6%
28.	28	327	2.6%	2.8%
29.	29	310	2.5%	2.5%
30.	30	313	2.5%	2.0%
31.	31	287	2.3%	2.3%
32.	32	321	2.6%	2.5%
33.	33	312	2.5%	2.3%
34.	34	292	2.3%	2.9%
35.	35	267	2.1%	2.2%
36.	36	314	2.5%	2.6%
37.	37	310	2.5%	2.2%
38.	38	301	2.4%	2.2%
39.	39	319	2.5%	2.5%
40.	40	333	2.6%	2.5%
41.	41	303	2.4%	2.5%
42.	42	335	2.7%	2.7%
43.	43	330	2.6%	2.4%
44.	44	340	2.7%	2.4%
45.	45	332	2.6%	2.5%
46.	46	299	2.4%	2.7%
47.	47	318	2.5%	2.3%
48.	48	306	2.4%	2.7%
49.	49	296	2.4%	2.3%
50.	50	362	2.9%	2.6%
TOTALS:		12568	100.0%	100.0%

AEBASLIT = D-ADULT EDUCATION TO IMPROVE SKILLS

COMPOSITE VARIABLE
ADULT EDUCATION TO IMPROVE SKILLS

POSITION: 725-726
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	1	0.0%	(MISS)
NO	0	11809	94.0%	97.5%
YES	1	758	6.0%	2.5%
TOTALS:		12568	100.0%	100.0%

AEDEGREQ = D-ADULT EDUCATION REQUIRED F/DEGREE

COMPOSITE VARIABLE
ADULT EDUCATION REQUIRED F/DEGREE

POSITION: 727-728
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	9597	76.4%	90.1%
YES	1	2971	23.6%	9.9%
TOTALS:		12568	100.0%	100.0%

AEEMPREA = D-ADULT EDUCATION F/JOB-RELATED REASON

COMPOSITE VARIABLE
ADULT EDUCATION F/JOB-RELATED REASON

POSITION: 729-730
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	235	1.9%	(MISS)
NO	0	5789	46.1%	75.5%
YES	1	6544	52.1%	24.5%
TOTALS:		12568	100.0%	100.0%

AEEMPREQ = D-ADULT EDUCATION REQUIRED BY EMPLOYER

COMPOSITE VARIABLE
ADULT EDUCATION REQUIRED BY EMPLOYER

POSITION: 731-732
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	274	2.2%	(MISS)
NO	0	8684	69.1%	85.5%
YES	1	2500	19.9%	9.6%
N/EMP WHEN TAKING	2	1110	8.8%	4.8%
TOTALS:		12568	100.0%	100.0%

AEESL = D-ADULT EDUCATION F/ENGLISH AS 2ND LANG

COMPOSITE VARIABLE
ADULT EDUCATION F/ENGLISH AS 2ND LANG

POSITION: 733-734
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	12385	98.5%	99.3%
YES	1	183	1.5%	0.7%
TOTALS:		12568	100.0%	100.0%

AEEVER = D-EVER PARTICIPATED IN ADULT EDUCATION

COMPOSITE VARIABLE
EVER PARTICIPATED IN ADULT EDUCATION

POSITION: 735-736
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NEVER	0	2819	22.4%	46.5%
PAST 12 MTHS	1	8501	67.6%	31.6%
PAST 3Y N/PAST 12M	2	491	3.9%	6.6%
BEFORE PAST 3YRS	3	757	6.0%	15.4%
TOTALS:		12568	100.0%	100.0%

AELABOR = D-LABOR FORCE STATUS

COMPOSITE VARIABLE
LABOR FORCE STATUS

POSITION: 737-738
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
EMPLOYED	1	9897	78.7%	63.6%
UNEMPLOYED	2	534	4.2%	5.4%
NOT IN LABOR FORCE	3	2137	17.0%	31.0%
TOTALS:		12568	100.0%	100.0%

AELICNS = D-ADULT EDUCATION F/LICENSE/CERTIFICATE

COMPOSITE VARIABLE
ADULT EDUCATION F/LICENSE/CERTIFICATE

POSITION: 739-740
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	238	1.9%	(MISS)
NO	0	10491	83.5%	93.2%
YES	1	1839	14.6%	6.8%
TOTALS:		12568	100.0%	100.0%

AENUMCSE = D-TOTAL # AE COURSES TAKEN IN PAST 12M

COMPOSITE VARIABLE
TOTAL # AE COURSES TAKEN IN PAST 12M

POSITION: 741-742
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
COURSES TAKEN	0-40	12568	100.0%	100.0%
TOTALS:		12568	100.0%	100.0%

AEPARANY = D-ADULT EDUC INCLUDING F/T DEGREE PROG

COMPOSITE VARIABLE
ADULT EDUC INCLUDING F/T DEGREE PROG

POSITION: 743-744
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	2794	22.2%	62.1%
YES	1	9774	77.8%	37.9%
TOTALS:		12568	100.0%	100.0%

AEPARTIC = D-ADULT EDUC EXCLUDING F/T DEGREE PGMS

COMPOSITE VARIABLE
ADULT EDUC EXCLUDING F/T DEGREE PGMS

POSITION: 745-746
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	3699	29.4%	67.0%
YES	1	8869	70.6%	33.0%
TOTALS:		12568	100.0%	100.0%

AEPRTIME = D-ADULT EDUC. EXCLUDING F/T PROGRAM

COMPOSITE VARIABLE
ADULT EDUC. EXCLUDING F/T PROGRAM

POSITION: 747-748
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	4067	32.4%	68.4%
YES	1	8501	67.6%	31.6%
TOTALS:		12568	100.0%	100.0%

AETRAIN = D-ADULT EDUCATION W/TRAINING COMPONENT

COMPOSITE VARIABLE
ADULT EDUCATION W/TRAINING COMPONENT

POSITION: 749-750
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO....................................	0	6349	50.5%	76.8%
YES....................................	1	6219	49.5%	23.2%
TOTALS:		12568	100.0%	100.0%

CEMPREA1 = D-REASON F/TAKING COURSE-1 JOB RELATED

COMPOSITE VARIABLE
REASON F/TAKING COURSE-1 JOB RELATED

POSITION: 751-752
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	4302	34.2%	(MISS)
NO....................................	0	2126	16.9%	25.0%
YES....................................	1	6140	48.9%	75.0%
TOTALS:		12568	100.0%	100.0%

CEMPREA2 = D-REASON F/TAKING COURSE-2 JOB RELATED

COMPOSITE VARIABLE
REASON F/TAKING COURSE-2 JOB RELATED

POSITION: 753-754
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	7994	63.6%	(MISS)
NO....................................	0	1133	9.0%	24.0%
YES....................................	1	3441	27.4%	76.0%
TOTALS:		12568	100.0%	100.0%

CEMPREA3 = D-REASON F/TAKING COURSE-3 JOB RELATED

COMPOSITE VARIABLE
REASON F/TAKING COURSE-3 JOB RELATED

POSITION: 755-756
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	9744	77.5%	(MISS)
NO....................................	0	696	5.5%	22.5%
YES....................................	1	2128	16.9%	77.5%
TOTALS:		12568	100.0%	100.0%

CEMPREA4 = D-REASON F/TAKING COURSE-4 JOB RELATED

COMPOSITE VARIABLE
REASON F/TAKING COURSE-4 JOB RELATED

POSITION: 757-758
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	10807	86.0%	(MISS)
NO....................................	0	442	3.5%	22.3%
YES....................................	1	1319	10.5%	77.7%
TOTALS:		12568	100.0%	100.0%

CNUMWKS1 = D-#WEEKS COURSE-1 SCHEDULED TO RUN

COMPOSITE VARIABLE
#WEEKS COURSE-1 SCHEDULED TO RUN

POSITION: 759-761
FORMAT: N3

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING.............................	.	4624	36.8%	(MISS)
WEEKS SCHEDULED	1-624	7944	63.2%	100.0%
TOTALS:		12568	100.0%	100.0%

```
CNUMWKS2 = D-#WEEKS COURSE-2 SCHEDULED TO RUN
--------

COMPOSITE VARIABLE
#WEEKS COURSE-2 SCHEDULED TO RUN

     POSITION:  762-764
     FORMAT:    N3
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .      8089      64.4%     (MISS)
WEEKS SCHEDULED                           1-208     4479      35.6%     100.0%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%

CNUMWKS3 = D-#WEEKS COURSE-3 SCHEDULED TO RUN
--------

COMPOSITE VARIABLE
#WEEKS COURSE-3 SCHEDULED TO RUN

     POSITION:  765-767
     FORMAT:    N3
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .      9804      78.0%     (MISS)
WEEKS SCHEDULED                           1-312     2764      22.0%     100.0%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%

CNUMWKS4 = D-#WEEKS COURSE-4 SCHEDULED TO RUN
--------

COMPOSITE VARIABLE
#WEEKS COURSE-4 SCHEDULED TO RUN

     POSITION:  768-770
     FORMAT:    N3
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .     10834      86.2%     (MISS)
WEEKS SCHEDULED                           1-176     1734      13.8%     100.0%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%
```

```
CREQUIR1 = D-CRSE-1 REQ F/CERT OF COMPLETION/DIPL
--------

COMPOSITE VARIABLE
CRSE-1 REQ F/CERT OF COMPLETION/DIPL

     POSITION:  771-772
     FORMAT:    N2
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .      4302      34.2%     (MISS)
NO....................................       0      5828      46.4%      72.8%
YES...................................       1      2438      19.4%      27.2%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%

CREQUIR2 = D-CRSE-2 REQ F/CERT OF COMPLETION/DIPL
--------

COMPOSITE VARIABLE
CRSE-2 REQ F/CERT OF COMPLETION/DIPL

     POSITION:  773-774
     FORMAT:    N2
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .      7994      63.6%     (MISS)
NO....................................       0      3098      24.6%      72.3%
YES...................................       1      1476      11.7%      27.7%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%

CREQUIR3 = D-CRSE-3 REQ F/CERT OF COMPLETION/DIPL
--------

COMPOSITE VARIABLE
CRSE-3 REQ F/CERT OF COMPLETION/DIPL

     POSITION:  775-776
     FORMAT:    N2
                                                              UNWGTD      WGTD
RESPONSE                                  CODES      FREQ    PERCENT    PERCENT
--------                                 -------   -------   --------   --------
NA/MISSING............................       .      9744      77.5%     (MISS)
NO....................................       0      1833      14.6%      67.8%
YES...................................       1       991       7.9%      32.2%
                                                   -------   --------   --------
TOTALS:                                            12568     100.0%     100.0%
```

```
CREQUIR4 = D-CRSE-4 REQ F/CERT OF COMPLETION/DIPL
--------

COMPOSITE VARIABLE
CRSE-4 REQ F/CERT OF COMPLETION/DIPL

     POSITION:  777-778
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NA/MISSING...........................           .     10806      86.0%     (MISS)
NO...................................           0      1090       8.7%      64.5%
YES..................................           1       672       5.3%      35.5%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%

CTRAIN1  = D-ANY TRAINING COMPONENT COURSE-1
-------

COMPOSITE VARIABLE
ANY TRAINING COMPONENT COURSE-1

     POSITION:  779-780
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NA/MISSING...........................           .      6463      51.4%     (MISS)
NO...................................           0       340       2.7%       4.9%
YES..................................           1      5765      45.9%      95.1%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%

CTRAIN2  = D-ANY TRAINING COMPONENT COURSE-2
-------

COMPOSITE VARIABLE
ANY TRAINING COMPONENT COURSE-2

     POSITION:  781-782
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NA/MISSING...........................           .      9156      72.9%     (MISS)
NO...................................           0       211       1.7%       6.1%
YES..................................           1      3201      25.5%      93.9%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%
```

```
CTRAIN3  = D-ANY TRAINING COMPONENT COURSE-3
-------

COMPOSITE VARIABLE
ANY TRAINING COMPONENT COURSE-3

     POSITION:  783-784
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NA/MISSING...........................           .     10459      83.2%     (MISS)
NO...................................           0       132       1.1%       6.1%
YES..................................           1      1977      15.7%      93.9%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%

CTRAIN4  = D-ANY TRAINING COMPONENT COURSE-4
-------

COMPOSITE VARIABLE
ANY TRAINING COMPONENT COURSE-4

     POSITION:  785-786
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NA/MISSING...........................           .     11255      89.6%     (MISS)
NO...................................           0        77       0.6%       5.8%
YES..................................           1      1236       9.8%      94.2%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%

FTBASESL = D-F/T BASIC SKILLS/ESL COURSE
--------

COMPOSITE VARIABLE
F/T BASIC SKILLS/ESL COURSE

     POSITION:  787-788
     FORMAT:    N2
                                                                 UNWGTD     WGTD
RESPONSE                                     CODES     FREQ     PERCENT   PERCENT
--------                                    -------   -------   --------  --------
NO...................................           0     12443      99.0%      99.5%
YES..................................           1       125       1.0%       0.5%
                                                      -------   --------  --------
TOTALS:                                               12568     100.0%     100.0%
```

FTDEGREE = D-FULLTIME ASSOC/BACH DEGREE PROGRAM

COMPOSITE VARIABLE
FULLTIME ASSOC/BACH DEGREE PROGRAM

POSITION: 789-790
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO....................................	0	10807	86.0%	92.1%
YES...................................	1	1761	14.0%	7.9%
TOTALS:		12568	100.0%	100.0%

FTNONDEG = D-F/T NONDEG PGM

COMPOSITE VARIABLE
F/T NONDEG PGM

POSITION: 791-792
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO....................................	0	11973	95.3%	97.8%
YES...................................	1	595	4.7%	2.2%
TOTALS:		12568	100.0%	100.0%

HIDEGREE = D-HIGHEST DEGREE ATTAINED

COMPOSITE VARIABLE
HIGHEST DEGREE ATTAINED

POSITION: 793-794
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
LESS THAN H/S DIP.....................	1	909	7.2%	15.7%
H/S DIP/EQUIV.........................	2	7368	58.6%	60.7%
ASSOCIATE DEG.........................	3	473	3.8%	2.8%
BACH DEG/HIGHER.......................	4	3818	30.4%	20.9%
TOTALS:		12568	100.0%	100.0%

INCLEVEL = D-LEVEL OF INCOME

COMPOSITE VARIABLE
LEVEL OF INCOME

POSITION: 795-796
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
$10,000 OR LESS.......................	1	852	6.8%	15.1%
$10,001-$15,000.......................	2	677	5.4%	8.6%
$15,001-$20,000.......................	3	742	5.9%	8.9%
$20,001-$25,000.......................	4	857	6.8%	8.8%
$25,001-$30,000.......................	5	1375	10.9%	9.9%
$30,001-$40,000.......................	6	2095	16.7%	14.4%
$40,001-$50,000.......................	7	1943	15.5%	11.7%
$50,001-$75,000.......................	8	2392	19.0%	13.5%
OVER $75,000..........................	9	1635	13.0%	9.2%
TOTALS:		12568	100.0%	100.0%

RACEETHN = D-RACE-ETHNICITY

COMPOSITE VARIABLE
RACE-ETHNICITY

POSITION: 797-798
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WHITE, NON-HISPANIC...................	1	9846	78.3%	78.7%
BLACK, NON-HISPANIC...................	2	1327	10.6%	11.1%
HISPANIC..............................	3	1064	8.5%	7.6%
ALL OTHER RACES.......................	4	331	2.6%	2.6%
TOTALS:		12568	100.0%	100.0%

SALARY = D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB

COMPOSITE VARIABLE
ANNUAL SALARY/CURRENT OR MOST RCNT JOB

POSITION: 799-803
FORMAT: N5

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	561	4.5%	(MISS)
SALARY	1000-75000	12007	95.5%	100.0%
TOTALS:		12568	100.0%	100.0%

SCHOOLNG = D-YEARS OF SCHOOL COMPLETED

COMPOSITE VARIABLE
YEARS OF SCHOOL COMPLETED

POSITION: 804-805
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
UP TO 8TH GRD.........................	1	264	2.1%	5.6%
9-11 GRADE............................	2	618	4.9%	9.8%
12TH GRADE............................	3	3668	29.2%	36.9%
VOC AFTER H/S.........................	4	424	3.4%	3.8%
SOME COLLEGE..........................	5	3303	26.3%	20.2%
ASSOCIATE DEG.........................	6	473	3.8%	2.8%
BACH DEG/HIGHER.......................	7	3818	30.4%	20.9%
TOTALS:		12568	100.0%	100.0%

AELABF = IMPUTATION FLAG FOR LABOR FORCE STATUS

IMPUTATION FLAG FOR LABOR FORCE STATUS

POSITION: 806-807
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	11432	91.0%	(MISS)
IMPUTED VALUE.........................	1	1136	9.0%	100.0%
TOTALS:		12568	100.0%	100.0%

AGEF = IMPUTATION FLAG FOR AGE

IMPUTATION FLAG FOR AGE

POSITION: 808-809
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	54	0.4%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	12514	99.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

EVERMARF = IMPUTATION FLAG FOR EVERMARI

IMPUTATION FLAG FOR EVERMARI

POSITION: 810-811
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	452	3.6%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	12116	96.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

HIGHGRAF = IMPUTATION FLAG FOR HIGHGRAD

IMPUTATION FLAG FOR HIGHGRAD

POSITION: 812-813
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	509	4.0%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	12059	96.0%	(MISS)
TOTALS:		12568	100.0%	100.0%

```
HISPVERF = IMPUTATION FLAG FOR HISPVER
--------

IMPUTATION FLAG FOR HISPVER

     POSITION:  814-815
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1        31      0.2%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     12537     99.8%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

HSDIPLMF = IMPUTATION FLAG FOR HSDIPLMA
--------

IMPUTATION FLAG FOR HSDIPLMA

     POSITION:  816-817
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1       142      1.1%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     12426     98.9%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

INCOMRNF = INCOMRNG IMPUTED FLAG
--------

INCOMRNG IMPUTED FLAG

     POSITION:  818-819
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1      1877     14.9%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     10691     85.1%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%
```

```
MARISTAF = IMPUTATION FLAG FOR MARISTAT
--------

IMPUTATION FLAG FOR MARISTAT

     POSITION:  820-821
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1       475      3.8%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     12093     96.2%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

NUMPERSF = NUMPERS IMPUTED FLAG
--------

NUMPERS IMPUTED FLAG

     POSITION:  822-823
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1        29      0.2%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     12539     99.8%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%

OWNHOMEF = OWNHOME IMPUTED FLAG
--------

OWNHOME IMPUTED FLAG

     POSITION:  824-825
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT  PERCENT
--------                                    -------  -------  --------  --------
IMPUTED VALUE..........................          1        57      0.5%    100.0%
RESERVED CODES:
     INAPPLICABLE......................         -1     12511     99.5%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                12568    100.0%    100.0%
```

BEST COPY AVAILABLE

RACEVERF = IMPUTATION FLAG FOR RACEVER

IMPUTATION FLAG FOR RACEVER

POSITION: 826-827
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	71	0.6%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12497	99.4%	(MISS)
TOTALS:		12568	100.0%	100.0%

SALARYF = IMPUTATION FLAG FOR SALARY

IMPUTATION FLAG FOR SALARY

POSITION: 828-829
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	2415	19.2%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	10153	80.8%	(MISS)
TOTALS:		12568	100.0%	100.0%

SICF = IMPUTATION FLAG FOR SIC

IMPUTATION FLAG FOR SIC

POSITION: 830-831
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	238	1.9%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12330	98.1%	(MISS)
TOTALS:		12568	100.0%	100.0%

SOCF = IMPUTATION FLAG FOR SOC

IMPUTATION FLAG FOR SOC

POSITION: 832-833
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	179	1.4%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12389	98.6%	(MISS)
TOTALS:		12568	100.0%	100.0%

UNDER16F = IMPUTATION FLAG FOR UNDER16

IMPUTATION FLAG FOR UNDER16

POSITION: 834-835
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	482	3.8%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	12086	96.2%	(MISS)
TOTALS:		12568	100.0%	100.0%

AEWT = FINAL ADULT WEIGHT

FINAL ADULT WEIGHT

POSITION: 836-845
FORMAT: N10

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WEIGHT	0-851108.378	12568	100.0%	(MISS)
TOTALS:		12568	100.0%	0.0%

F-82

```
AEREPL1  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  846-855
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-873769.960      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%

AEREPL2  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  856-865
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-873778.839      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%

AEREPL3  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  866-875
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-853851.960      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%
```

```
AEREPL4  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  876-885
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-870998.532      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%

AEREPL5  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  886-895
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-852213.189      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%

AEREPL6  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  896-905
     FORMAT:    N10
                                                                         UNWGTD     WGTD
RESPONSE                                          CODES      FREQ       PERCENT    PERCENT
--------                                        -------    -------     --------   --------
REPLICATE WEIGHT                           0-870746.327      12568       100.0%     (MISS)
                                                           -------     --------   --------
TOTALS:                                                      12568       100.0%       0.0%
```

```
AEREPL7  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  906-915
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-869499.514     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%

AEREPL8  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  916-925
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-870584.295     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%

AEREPL9  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  926-935
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-874439.917     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%
```

```
AEREPL10 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  936-945
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-588262.654     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%

AEREPL11 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  946-955
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-861505.208     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%

AEREPL12 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  956-965
     FORMAT:    N10
                                                             UNWGTD     WGTD
RESPONSE                                    CODES      FREQ  PERCENT   PERCENT
--------                                  -------   -------  --------  --------
REPLICATE WEIGHT                     0-879892.847     12568    100.0%    (MISS)
                                                    -------  --------  --------
TOTALS:                                              12568    100.0%      0.0%
```

```
AEREPL13 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  966-975
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                           0-857193.6821    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%

AEREPL14 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  976-985
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                            0-866542.572    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%

AEREPL15 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  986-995
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                           0-845504.6752    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%
```

```
AEREPL16 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  996-1005
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                            0-884740.415    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%

AEREPL17 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1006-1015
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                            0-878529.911    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%

AEREPL18 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1016-1025
     FORMAT:    N10
                                                                      UNWGTD     WGTD
RESPONSE                                          CODES      FREQ     PERCENT    PERCENT
--------                                        -------    -------   --------   --------
REPLICATE WEIGHT                            0-880544.672    12568     100.0%     (MISS)
                                                           -------   --------   --------
TOTALS:                                                     12568     100.0%       0.0%
```

F-85

```
AEREPL19 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1026-1035
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-872222.163       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL20 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1036-1045
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-855189.394       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL21 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1046-1055
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-852563.528       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL22 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1056-1065
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-859422.107       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL23 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1066-1075
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-872309.228       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL24 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1076-1085
     FORMAT:    N10
                                                                UNWGTD      WGTD
RESPONSE                                 CODES       FREQ      PERCENT    PERCENT
--------                               -------     -------    --------   --------
REPLICATE WEIGHT                  0-876097.846       12568      100.0%     (MISS)
                                                   -------    --------   --------
TOTALS:                                              12568      100.0%       0.0%
```

```
AEREPL25 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1086-1095
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-860939.059     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%

AEREPL26 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1096-1105
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-855260.165     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%

AEREPL27 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1106-1115
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-863683.496     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%
```

```
AEREPL28 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1116-1125
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-878705.060     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%

AEREPL29 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1126-1135
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-868114.506     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%

AEREPL30 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1136-1145
     FORMAT:    N10
                                                        UNWGTD     WGTD
RESPONSE                             CODES      FREQ    PERCENT    PERCENT
--------                           -------    -------  --------   --------
REPLICATE WEIGHT              0-874811.275     12568    100.0%     (MISS)
                                              -------  --------   --------
TOTALS:                                        12568    100.0%       0.0%
```

```
AEREPL31 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1146-1155
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-869527.301    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%

AEREPL32 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1156-1165
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-859055.638    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%

AEREPL33 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1166-1175
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-876212.171    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%
```

```
AEREPL34 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1176-1185
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-876617.879    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%

AEREPL35 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1186-1195
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-862105.030    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%

AEREPL36 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1196-1205
     FORMAT:    N10
                                                  UNWGTD     WGTD
RESPONSE                        CODES     FREQ    PERCENT    PERCENT
--------                      -------   -------   --------   --------
REPLICATE WEIGHT         0-873806.413    12568     100.0%     (MISS)
                                        -------   --------   --------
TOTALS:                                  12568     100.0%       0.0%
```

```
AEREPL37 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1206-1215
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-858232.401   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%

AEREPL38 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1216-1225
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-874142.740   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%

AEREPL39 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1226-1235
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-876244.934   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%
```

```
AEREPL40 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1236-1245
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-862684.877   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%

AEREPL41 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1246-1255
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-875148.980   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%

AEREPL42 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1256-1265
     FORMAT:    N10
                                                              UNWGTD     WGTD
RESPONSE                                      CODES    FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
REPLICATE WEIGHT                       0-869699.744   12568    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                               12568    100.0%      0.0%
```

```
AEREPL43 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1266-1275
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-858665.398     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL44 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1276-1285
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-864025.561     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL45 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1286-1295
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-853846.267     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL46 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1296-1305
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-879142.488     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL47 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1306-1315
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-882498.860     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL48 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1316-1325
     FORMAT:    N10

                                                       UNWGTD    WGTD
RESPONSE                          CODES       FREQ    PERCENT   PERCENT
--------                         -------    -------  --------  --------
REPLICATE WEIGHT            0-854164.178     12568    100.0%    (MISS)
                                            -------  --------  --------
TOTALS:                                      12568    100.0%      0.0%
```

```
AEREPL49 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1326-1335
     FORMAT:    N10
                                                                 UNWGTD     WGTD
RESPONSE                                    CODES       FREQ    PERCENT   PERCENT
--------                                  -------    -------   --------  --------
REPLICATE WEIGHT                     0-870485.104      12568     100.0%    (MISS)
                                                     -------   --------  --------
TOTALS:                                                12568     100.0%      0.0%

AEREPL50 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  1336-1345
     FORMAT:    N10
                                                                 UNWGTD     WGTD
RESPONSE                                    CODES       FREQ    PERCENT   PERCENT
--------                                  -------    -------   --------  --------
REPLICATE WEIGHT                     0-867922.863      12568     100.0%    (MISS)
                                                     -------   --------  --------
TOTALS:                                                12568     100.0%      0.0%
```

COURSE FILE CODEBOOK

CLASID = CLAS KEY = ADLTID || 2-DIGIT SEQUENTIAL#

CLAS KEY = ADLTID || 2-DIGIT SEQUENTIAL#

POSITION: 1-11
FORMAT: A11

PERSID = PERS KEY = BASEID || 2-DIGIT PERSNUM

PERS KEY = BASEID || 2-DIGIT PERSNUM

POSITION: 12-20
FORMAT: A9

AGE = AGE AS OF JANUARY 1,1991

S10A. What is your age?
A42. In what month and year were you born?

POSITION: 21-22
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
ADULT'S AGE............................	16-80	17612	100.0%	100.0%
TOTALS:		17612	100.0%	100.0%

INCOMRNG = S22A TOTAL HOUSEHOLD INCOME - RANGE

S22. In studies like this, households are sometimes grouped according to income. Can you tell me which group best describes an estimate of the total income of all persons in your household over the past year. Please include income from all sources, such as salaries or other earnings, interest, retirement, and so on for all household members.
(Was it/Which of the following ranges includes your household income?)

POSITION: 23-24
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
$5,000 OR LESS.........................	1	209	1.2%	1.5%
$5,001 TO $10,000......................	2	410	2.3%	4.0%
$10,001 TO $15,000.....................	3	650	3.7%	4.9%
$15,001 TO $20,000.....................	4	839	4.8%	5.5%
$20,001 TO $25,000.....................	5	1068	6.1%	6.7%
$25,001 TO $30,000.....................	6	1807	10.3%	9.2%
$30,001 TO $40,000.....................	7	3060	17.4%	16.3%
$40,001 TO $50,000.....................	8	3004	17.1%	16.2%
$50,001 TO $75,000.....................	9	3844	21.8%	20.7%
OVER $75,000...........................	10	2721	15.4%	15.0%
TOTALS:		17612	100.0%	100.0%

FTSCHOOL = A1a FT ELEMENTARY OR HIGH SCHOOL

A1A. In which of the following types of full-time educational programs were you enrolled?
a. An elementary school, junior high school, or high school program?

POSITION: 25-26
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	110	0.6%	10.9%
NO.....................................	2	1626	9.2%	89.1%
RESERVED CODES:				
INAPPLICABLE.....................	-1	15876	90.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

CURENROL = A1B CURRENTLY ENROLLED AS FULL-TIME STDNT

A1B. Are you currently enrolled as a full-time student in an elementary school, junior high school, or high school program?

POSITION: 27-28
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO....................................	2	110	0.6%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	17502	99.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

OTNUM = A9 # OTHER CLASSES TAKEN DURING PAST 12

A9. [Not counting (full-time school) (or) (part-time classes for credit toward a degree)] How many separate adult education activities have you participated in during the past 12 months, including any that you did not complete?

POSITION: 29-30
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF OTHER COURSES...............	1-40	15808	89.8%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	1653	9.4%	(MISS)
REFUSED...........................	-7	8	0.0%	(MISS)
DK................................	-8	134	0.8%	(MISS)
NOT ASCERTAINED...................	-9	9	0.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

OTNAME = A10 MOST RECENT AE CLAS(FR ADLT.OTNAME#)

A10. (Not counting full-time school) (but) (including part-time classes for credit toward a degree) can you tell me the name of the most recent adult education activity or course. (VERIFY: PAST 12 MONTHS ONLY)

POSITION: 31-70
FORMAT: A40

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
COURSE NAME...........................	COURSE NAME	17572	99.8%	100.0%
RESERVED CODES:				
DK................................	-8	40	0.2%	(MISS)
TOTALS:		17612	100.0%	100.0%

CRDEGREE = A11 CLASSES FOR CREDIT TOWARD DEGREE

A11. Are all of the courses you just mentioned for credit toward your degree?

POSITION: 71-72
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	9336	53.0%	(MISS)
YES...................................	1	782	4.4%	76.2%
NO....................................	2	223	1.3%	23.8%
RESERVED CODES:				
INAPPLICABLE......................	-1	7264	41.2%	(MISS)
DK................................	-8	3	0.0%	(MISS)
NOT ASCERTAINED...................	-9	4	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

TAKEREAS = A13 MAIN REASON FOR TAKING A10 CLASS

A13. Was your main reason for taking (NAME):

POSITION: 73-74
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
PERSONAL, FAMILY, OR SOCIAL REASON....	1	3690	21.0%	21.9%
TO IMPROVE,ADVANCE,KEEP UP CURRENT JOB	2	9687	55.0%	57.2%
TO TRAIN FOR A NEW JOB OR CAREER......	3	1015	5.8%	6.3%
TO IMPROVE READING,WRITING,MATH SKILLS	4	159	0.9%	0.8%
TO MEET REQUIREMENT FOR DIPLOMA/DEGREE	5	2739	15.6%	13.3%
OTHER REASON..........................	91	114	0.6%	0.5%
RESERVED CODES:				
REFUSED...........................	-7	13	0.1%	(MISS)
DK................................	-8	27	0.2%	(MISS)
NOT ASCERTAINED..................	-9	168	1.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

EMPLREAS = A14 CAREER REASONS FOR TAKING A10 CLASS

A14. Did you also have any employment- or career-related reasons for taking (NAME)?

POSITION: 75-76
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	2326	13.2%	34.0%
NO.....................................	2	4379	24.9%	66.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	10702	60.8%	(MISS)
REFUSED...........................	-7	12	0.1%	(MISS)
DK................................	-8	18	0.1%	(MISS)
NOT ASCERTAINED..................	-9	175	1.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNMGMT = A17A EXECUTIVE MGMT DEVELOPMENT TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
a. Executive or management development training

POSITION: 77-78
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	3822	21.7%	30.6%
NO.....................................	2	9100	51.7%	69.4%
RESERVED CODES:				
INAPPLICABLE.....................	-1	4584	26.0%	(MISS)
REFUSED...........................	-7	3	0.0%	(MISS)
DK................................	-8	22	0.1%	(MISS)
NOT ASCERTAINED..................	-9	81	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNSUPR = A17B SUPERVISORY TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
b. Supervisory training

POSITION: 79-80
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES....................................	1	3674	20.9%	28.8%
NO.....................................	2	9252	52.5%	71.2%
RESERVED CODES:				
INAPPLICABLE.....................	-1	4584	26.0%	(MISS)
REFUSED...........................	-7	3	0.0%	(MISS)
DK................................	-8	16	0.1%	(MISS)
NOT ASCERTAINED..................	-9	83	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNPROF = A17C PROFESSIONAL DEVELOPMENT TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
c. Professional development training

POSITION: 81-82
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	9187	52.2%	70.4%
NO	2	3704	21.0%	29.6%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	50	0.3%	(MISS)
NOT ASCERTAINED	-9	84	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNTECH = A17D TECHNICAL/SKILLED WORKER TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
d. Technical or skilled worker training

POSITION: 83-84
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	6181	35.1%	48.8%
NO	2	6713	38.1%	51.2%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	46	0.3%	(MISS)
NOT ASCERTAINED	-9	84	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNCS = A17E WORD PROCESSING/COMPUTER SOFTWARE

A17. Did (NAME) include any of the following types of employment- or career-related training:
e. Word processing or computer software training

POSITION: 85-86
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2699	15.3%	21.3%
NO	2	10227	58.1%	78.7%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	5	0.0%	(MISS)
DK	-8	13	0.1%	(MISS)
NOT ASCERTAINED	-9	84	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNHLTH = A17F JOB HEALTH AND SAFETY TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
f. Job health and safety training

POSITION: 87-88
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3384	19.2%	26.8%
NO	2	9541	54.2%	73.2%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	16	0.1%	(MISS)
NOT ASCERTAINED	-9	84	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNQC = A17G QUALITY CONTROL/STATISTICAL PROCESS

A17. Did (NAME) include any of the following types of employment- or career-related training:
g. Training in areas such as quality control or statistical process control

POSITION: 89-90
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2901	16.5%	22.5%
NO	2	9993	56.7%	77.5%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	43	0.2%	(MISS)
NOT ASCERTAINED	-9	87	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNSALES = A17H SALES AND MARKETING TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
h. Sales and marketing training

POSITION: 91-92
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2197	12.5%	17.9%
NO	2	10726	60.9%	82.1%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	15	0.1%	(MISS)
NOT ASCERTAINED	-9	87	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNEMPL = A17I NEW EMPLOYEE TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
i. Training as a new employee

POSITION: 93-94
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1744	9.9%	14.3%
NO	2	11176	63.5%	85.7%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	3	0.0%	(MISS)
DK	-8	16	0.1%	(MISS)
NOT ASCERTAINED	-9	89	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TRNOTHER = A17J SOME OTHER KIND OF TRAINING

A17. Did (NAME) include any of the following types of employment- or career-related training:
j. Some other kind of training

POSITION: 95-96
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	197	1.1%	1.2%
NO	2	12716	72.2%	98.8%
RESERVED CODES:				
INAPPLICABLE	-1	4584	26.0%	(MISS)
REFUSED	-7	4	0.0%	(MISS)
DK	-8	23	0.1%	(MISS)
NOT ASCERTAINED	-9	88	0.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

REQUIRE = A18 TAKE A10 CLASS TO MEET REQUIREMENT

A18. Did you take (NAME) to meet a requirement for obtaining a certificate of completion, a diploma, or a degree?

POSITION: 97-98
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	2155	12.2%	14.4%
NO	2	11807	67.0%	85.6%
RESERVED CODES:				
INAPPLICABLE	-1	3454	19.6%	(MISS)
REFUSED	-7	13	0.1%	(MISS)
DK	-8	22	0.1%	(MISS)
NOT ASCERTAINED	-9	161	0.9%	(MISS)
TOTALS:		17612	100.0%	100.0%

DEGREE = A19 A10 CLASS FULFILLS TYPE REQUIREMENT

A19. What type of certificate, diploma, or degree will (NAME) fulfill a requirement for?

POSITION: 99-100
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
INELIGIBLE TYPE REPORTED	0	128	0.7%	4.7%
8TH GRADE CERTIFICATE OF COMPLETION	1	25	0.1%	0.7%
HIGH SCHOOL DIPLOMA (INCL EQUIVALENCY)	2	163	0.9%	4.7%
VOCATIONAL DIPLOMA OR CERTIFICATE	3	1153	6.5%	34.7%
2-YEAR DEGREE FROM COLLEGE OR TECHNICA	4	379	2.2%	9.5%
4-YEAR DEGREE FROM COLLEGE OR UNIVERSI	5	376	2.1%	10.6%
GRADUATE OR PROFESSIONAL DEGREE/CERTIF	6	711	4.0%	21.6%
COLLEGE CERTIFICATE	7	2	0.0%	0.0%
LICENSE	8	333	1.9%	10.9%
OTHER (SPECIFY)	91	102	0.6%	2.5%
RESERVED CODES:				
INAPPLICABLE	-1	14191	80.6%	(MISS)
DK	-8	25	0.1%	(MISS)
NOT ASCERTAINED	-9	24	0.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

LICENSE = A20 A10 CLASS TO OBTAIN/RENEW LICENSE

A20. Did you take (NAME) to meet a requirement for obtaining or renewing a license or certification in a trade or profession as required by law or regulation?

POSITION: 101-102
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	3200	18.2%	18.3%
NO	2	14166	80.4%	81.7%
RESERVED CODES:				
REFUSED	-7	12	0.1%	(MISS)
DK	-8	23	0.1%	(MISS)
NOT ASCERTAINED	-9	211	1.2%	(MISS)
TOTALS:		17612	100.0%	100.0%

OBTAIN = A20OV OBTAIN OR RENEW LICENSE/CERTIFICAT

A20OV. Was it to obtain or renew a license or certification?

POSITION: 103-104
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
OBTAIN LICENSE OR CERTIFICATE	1	1249	7.1%	38.0%
RENEW LICENSE OR CERTIFICATE	2	1933	11.0%	62.0%
RESERVED CODES:				
INAPPLICABLE	-1	14412	81.8%	(MISS)
DK	-8	17	0.1%	(MISS)
NOT ASCERTAINED	-9	1	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

SPONTYPE = A22 A10 CLASS SPONSORED BY TYPE ORG

A22. Would that be:

POSITION: 105-106
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
ELEMENTARY/JUNIOR HIGH/HIGH SCHOOL....	1	779	4.4%	4.3%
2-YR COMMUNITY/JR COLLEGE/TECHNICAL IN	2	2618	14.9%	13.7%
4-YR COLLEGE OR UNIVERSITY............	3	2804	15.9%	14.9%
VOCA/TRADE/BUSINESS/HOSPITAL/FLIGHT SC	4	1135	6.4%	6.9%
TUTOR OR PRIVATE INSTRUCTOR...........	5	457	2.6%	3.0%
BUSINESS OR INDUSTRY..................	6	4530	25.7%	27.9%
LABOR ORGANIZATION OR PROFESSIONAL ASS	7	1482	8.4%	9.2%
LIBRARY...............................	8	20	0.1%	0.1%
FEDERAL/STATE/COUNTY/LOCAL GOV'T AGENC	9	2041	11.6%	10.9%
PRIVATE COMMUNITY ORGANIZATION........	10	1269	7.2%	8.4%
SOMEONE ELSE..........................	91	102	0.6%	0.8%
RESERVED CODES:				
REFUSED..........................	-7	20	0.1%	(MISS)
DK...............................	-8	140	0.8%	(MISS)
NOT ASCERTAINED..................	-9	215	1.2%	(MISS)
TOTALS:		17612	100.0%	100.0%

EMPLPROV = A23 A10 CLASS SPONSOR IS EMPLOYER

A23. Was this provider also your employer?

POSITION: 107-108
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	5724	32.5%	34.0%
NO....................................	2	11628	66.0%	66.0%
RESERVED CODES:				
REFUSED..........................	-7	13	0.1%	(MISS)
DK...............................	-8	22	0.1%	(MISS)
NOT ASCERTAINED..................	-9	225	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

EMPLTIME = A23A EMPLOYED AT TIME A10 CLASS TAKEN

A23a. Were you employed at the time?

POSITION: 109-110
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	9600	54.5%	78.9%
NO....................................	2	2040	11.6%	21.1%
RESERVED CODES:				
INAPPLICABLE.....................	-1	5724	32.5%	(MISS)
REFUSED..........................	-7	12	0.1%	(MISS)
DK...............................	-8	10	0.1%	(MISS)
NOT ASCERTAINED..................	-9	226	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

EMPLONLY = A24 A10 CLASS PARTICIPATN-EMPLOYEES ONLY

A24. Was participation in (NAME) limited to employees only?

POSITION: 111-112
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES...................................	1	4535	25.7%	81.2%
NO....................................	2	1138	6.5%	18.8%
RESERVED CODES:				
INAPPLICABLE.....................	-1	11888	67.5%	(MISS)
DK...............................	-8	49	0.3%	(MISS)
NOT ASCERTAINED..................	-9	2	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

ATWORK = A25 A10 CLASS GIVEN AT WORK

A25. Was (NAME) given at your place of work?

POSITION: 113-114
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4710	26.7%	31.2%
NO	2	10601	60.2%	68.8%
RESERVED CODES:				
INAPPLICABLE	-1	2288	13.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	7	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

EMPLREQ = A25A EMPLOYER REQUIRED A10 CLASS

A25a. Did your employer require you to take (NAME)?

POSITION: 115-116
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	4008	22.8%	27.5%
NO	2	11298	64.1%	72.5%
RESERVED CODES:				
INAPPLICABLE	-1	2288	13.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	13	0.1%	(MISS)
NOT ASCERTAINED	-9	3	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

TIMEOFF = A26 GIVEN TIME OFF TO TAKE A10 CLASS

A26. Were you given time off from work to attend (NAME), (either with or without pay)?

POSITION: 117-118
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	7760	44.1%	53.1%
NO	2	7529	42.7%	46.9%
RESERVED CODES:				
INAPPLICABLE	-1	2288	13.0%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	26	0.1%	(MISS)
NOT ASCERTAINED	-9	7	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

CORRESPN = A27 A10 CLASS A CORRESPONDENCE COURSE

A27. Was (NAME) a correspondence course?

POSITION: 119-120
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	534	3.0%	4.0%
NO	2	12101	68.7%	96.0%
RESERVED CODES:				
INAPPLICABLE	-1	4710	26.7%	(MISS)
REFUSED	-7	12	0.1%	(MISS)
DK	-8	21	0.1%	(MISS)
NOT ASCERTAINED	-9	234	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

MAILTV = A28 A10 CORR COURSE - TYPE INSTRUCTION

A28. Was instruction provided through the mail, or by telvision or radio?

POSITION: 121-122
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
THROUGH THE MAIL......................	1	501	2.8%	98.3%
BY TELEVISION OR RADIO................	2	14	0.1%	1.7%
RESERVED CODES:				
INAPPLICABLE.......................	-1	17078	97.0%	(MISS)
REFUSED............................	-7	5	0.0%	(MISS)
DK.................................	-8	13	0.1%	(MISS)
NOT ASCERTAINED....................	-9	1	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDFAM = A29A YOU OR FAMILY PAID

A29. Who paid for you to take (NAME)?
a. You or your family (including loans)

POSITION: 123-124
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	6611	37.5%	34.7%
NO...................................	2	10734	60.9%	65.3%
RESERVED CODES:				
REFUSED............................	-7	20	0.1%	(MISS)
DK.................................	-8	11	0.1%	(MISS)
NOT ASCERTAINED....................	-9	236	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDFED = A29B FEDERAL GOVERNMENT PAID

A29. Who paid for you to take (NAME)?
b. The Federal government (including military)

POSITION: 125-126
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	1083	6.1%	4.6%
NO...................................	2	16215	92.1%	95.4%
RESERVED CODES:				
REFUSED............................	-7	21	0.1%	(MISS)
DK.................................	-8	57	0.3%	(MISS)
NOT ASCERTAINED....................	-9	236	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDSTAT = A29C STATE/COUNTY/LOCAL GOVERNMENT PAID

A29. Who paid for you to take (NAME)?
c. A State, county, or local government, including public schools

POSITION: 127-128
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	2138	12.1%	12.0%
NO...................................	2	15148	86.0%	88.0%
RESERVED CODES:				
REFUSED............................	-7	24	0.1%	(MISS)
DK.................................	-8	64	0.4%	(MISS)
NOT ASCERTAINED....................	-9	238	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

F-101

PAIDBUSI = A29D BUSINESS OR INDUSTRY PAID

A29. Who paid for you to take (NAME)?
d. A business or industry

POSITION: 129-130
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	6158	35.0%	37.9%
NO	2	11156	63.3%	62.1%
RESERVED CODES:				
REFUSED	-7	22	0.1%	(MISS)
DK	-8	36	0.2%	(MISS)
NOT ASCERTAINED	-9	240	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDPRIV = A29E PRIVATE ORGANIZATION PAID

A29. Who paid for you to take (NAME)?
e. A private organization, such as a church or professional association

POSITION: 131-132
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	854	4.8%	5.9%
NO	2	16465	93.5%	94.1%
RESERVED CODES:				
REFUSED	-7	21	0.1%	(MISS)
DK	-8	31	0.2%	(MISS)
NOT ASCERTAINED	-9	241	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDOTHR = A29F SOMEONE ELSE PAID

A29. Who paid for you to take (NAME)?
f. Was it someone else

POSITION: 133-134
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	81	0.5%	0.6%
NO	2	17238	97.9%	99.4%
RESERVED CODES:				
REFUSED	-7	22	0.1%	(MISS)
DK	-8	30	0.2%	(MISS)
NOT ASCERTAINED	-9	241	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDFREE = A29G THERE WAS NO CHARGE

A29. Who paid for you to take (NAME)?
g. In other words, there was no charge

POSITION: 135-136
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO CHARGE	1	1508	8.6%	98.7%
CHARGE	2	21	0.1%	1.3%
RESERVED CODES:				
INAPPLICABLE	-1	15809	89.8%	(MISS)
REFUSED	-7	20	0.1%	(MISS)
DK	-8	18	0.1%	(MISS)
NOT ASCERTAINED	-9	236	1.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

BEST COPY AVAILABLE

PAIDUNIV = A29H POST-SEC INST PAID-RECODE

A29. Who paid for you to take (NAME)?
h. University or other postsecondary institution

POSITION: 137-138
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	57	0.3%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	17555	99.7%	(MISS)
TOTALS:		17612	100.0%	100.0%

PAIDEMPL = A30 EMPLOYER WAS SOURCE OF PAYMENT

A30. Was your employer one of the sources you just mentioned?

POSITION: 139-140
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	8548	48.5%	88.7%
NO	2	1030	5.8%	11.3%
RESERVED CODES:				
INAPPLICABLE	-1	8011	45.5%	(MISS)
REFUSED	-7	2	0.0%	(MISS)
DK	-8	6	0.0%	(MISS)
NOT ASCERTAINED	-9	15	0.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

TUITION = A31 AMOUNT PAID FOR TUITION & FEES A10

A31. How much did you and your family pay for tuition and required fees for (NAME)?

POSITION: 141-148
FORMAT: N8

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
TUITION AMOUNT	.50-10000.00	6185	35.1%	100.0%
RESERVED CODES:				
INAPPLICABLE	-1	11001	62.5%	(MISS)
REFUSED	-7	46	0.3%	(MISS)
DK	-8	343	1.9%	(MISS)
NOT ASCERTAINED	-9	37	0.2%	(MISS)
TOTALS:		17612	100.0%	100.0%

TUITONE = A31A TUITION FOR MORE THAN ONCE COURSE?

A31a. Was this amount for more than one course?

POSITION: 149-150
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	800	4.5%	13.8%
NO	2	5379	30.5%	86.2%
RESERVED CODES:				
INAPPLICABLE	-1	11427	64.9%	(MISS)
DK	-8	3	0.0%	(MISS)
NOT ASCERTAINED	-9	3	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

TUITNUM = A31B NUMBER OF COURSES TUITION COVERS

A31b. How many courses did this payment cover?

POSITION: 151-152
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF CLASSES......................	2-27	780	4.4%	100.0%
RESERVED CODES:				
INAPPLICABLE.....................	-1	16812	95.5%	(MISS)
DK...............................	-8	17	0.1%	(MISS)
NOT ASCERTAINED..................	-9	3	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

CLASNUM = A32 # WEEKS A10 CLASS SCHEDULED TO RUN

A32. How many weeks was (NAME) scheduled to run?

POSITION: 153-154
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NUMBER OF UNITS SCHEDULED TO RUN......	1-60	16939	96.2%	100.0%
RESERVED CODES:				
REFUSED..........................	-7	17	0.1%	(MISS)
DK...............................	-8	403	2.3%	(MISS)
NOT ASCERTAINED..................	-9	253	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

CLASUNIT = A32 UNITS A10 CLASS SCHEDULED TO RUN

A32. How many weeks did (NAME) take to complete?

POSITION: 155-156
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WEEKS................................	1	14897	84.6%	88.7%
MONTHS...............................	2	947	5.4%	5.2%
SEMESTERS............................	3	645	3.7%	3.3%
QUARTERS.............................	4	98	0.6%	0.5%
YEARS................................	5	334	1.9%	2.3%
RESERVED CODES:				
INAPPLICABLE.....................	-1	420	2.4%	(MISS)
REFUSED..........................	-7	1	0.0%	(MISS)
DK...............................	-8	15	0.1%	(MISS)
NOT ASCERTAINED..................	-9	255	1.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

CLASHRS = A33 # HOURS PER WEEK A10 CLASS SCHEDULED

A33. How many hours per week (were you scheduled to attend/did you work on) (NAME)?

POSITION: 157-158
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
HOURS PER WEEK.......................	1-84	17058	96.9%	100.0%
RESERVED CODES:				
REFUSED..........................	-7	17	0.1%	(MISS)
DK...............................	-8	280	1.6%	(MISS)
NOT ASCERTAINED..................	-9	257	1.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

COMPLETE = A34 COMPLETED A10 CLASS

A34. Did you complete (NAME)?

POSITION: 159-160
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	14608	82.9%	84.9%
NO	2	2707	15.4%	15.1%
RESERVED CODES:				
REFUSED	-7	9	0.1%	(MISS)
DK	-8	30	0.2%	(MISS)
NOT ASCERTAINED	-9	258	1.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

TAKING = A34A STILL TAKING COURSE OR DROPPED COUR

A34a. Are you still taking (NAME) or did you drop it before finishing?

POSITION: 161-162
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
STILL TAKING COURSE	1	2254	12.8%	82.1%
DROPPED COURSE	2	450	2.6%	17.9%
RESERVED CODES:				
INAPPLICABLE	-1	14905	84.6%	(MISS)
DK	-8	3	0.0%	(MISS)
TOTALS:		17612	100.0%	100.0%

RACEVER = A42A RACE VERIFICATION

A42a. What is your race?

POSITION: 163-164
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WHITE	1	14939	84.8%	86.5%
BLACK	2	1734	9.8%	8.1%
NATIVE AMERICAN OR ALASKAN NATIVE	3	93	0.5%	0.6%
ASIAN OR PACIFIC ISLANDER	4	318	1.8%	1.7%
SOME OTHER RACE	91	528	3.0%	3.1%
TOTALS:		17612	100.0%	100.0%

HISPVER = A42A1 RESPONDENT OF HISPANIC ORIGIN

A42a1. Are you of Hispanic origin?

POSITION: 165-166
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES	1	1215	6.9%	5.9%
NO	2	16397	93.1%	94.1%
TOTALS:		17612	100.0%	100.0%

SEXVER = A42B S42B GENDER VERIFICATION

A42b. (ASK ONLY IF NOT OBVIOUS) Are you male or female?

POSITION: 167-168
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
MALE	1	7685	43.6%	45.4%
FEMALE	2	9927	56.4%	54.6%
TOTALS:		17612	100.0%	100.0%

MARISTAT = A44 CURRENTLY MARRIED

A44. Are you currently married, separated, divorced, or widowed?

POSITION: 169-170
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
MARRIED..............................	1	10963	62.2%	82.9%
SEPARATED............................	2	315	1.8%	2.5%
DIVORCED.............................	3	1791	10.2%	11.9%
WIDOWED..............................	4	448	2.5%	2.7%
RESERVED CODES:				
INAPPLICABLE.....................	-1	4095	23.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

UNDER16 = A57 HAVE ANY KIDS < 16 WHO LIVE W/YOU

A57. Do you have any children under 16 years of age who live with you?

POSITION: 171-172
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	6279	35.7%	44.3%
NO...................................	2	11333	64.3%	55.7%
TOTALS:		17612	100.0%	100.0%

HIGHGRAD = A59 HIGHEST GRADE COMPLETED

A59. What is the highest grade or year of school that you completed?

POSITION: 173-174
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
UP TO EIGHTH GRADE...................	1	116	0.7%	0.8%
NINTH TO ELEVENTH GRADE..............	2	469	2.7%	3.3%
HIGH SCHOOL DIPLOMA OR EQUIVALENT.....	3	3954	22.5%	22.2%
VOCATIONAL/TECHNICAL AFTER HIGH SCHOOL	4	529	3.0%	3.7%
1-2 YEARS OF COLLEGE.................	5	3158	17.9%	18.0%
ASSOCIATE'S DEGREE...................	6	849	4.8%	4.8%
3-4 YEARS OF COLLEGE.................	7	1518	8.6%	8.6%
BACHELOR'S DEGREE....................	8	3893	22.1%	22.6%
GRADUATE OR PROFESSIONAL SCHOOL.......	9	3126	17.7%	16.1%
TOTALS:		17612	100.0%	100.0%

HSDIPLMA = A60 RECEIVE HIGH SCHOOL DIPLOMA OR EQUIV

A60. Did you receive a high school diploma or its equivalent?

POSITION: 175-176
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
YES..................................	1	3640	20.7%	98.8%
NO...................................	2	47	0.3%	1.2%
RESERVED CODES:				
INAPPLICABLE.....................	-1	13925	79.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

```
CENSUSDV = CENSUS DIVISION
--------

CENSUS DIVISION

     POSITION:  177-178
     FORMAT:     N2
                                                                   UNWGTD      WGTD
RESPONSE                                         CODES      FREQ   PERCENT     PERCENT
--------                                        -------   -------  --------   --------
NEW ENGLAND.............................           1       1184      6.7%        6.7%
MIDDLE ATLANTIC.........................           2       2432     13.8%       13.6%
EAST NORTH CENTRAL......................           3       3175     18.0%       16.7%
WEST NORTH CENTRAL......................           4       1508      8.6%        7.1%
SOUTH ATLANTIC..........................           5       2835     16.1%       16.4%
EAST SOUTH CENTRAL......................           6        734      4.2%        4.9%
WEST SOUTH CENTRAL......................           7       1666      9.5%        9.8%
MOUNTAIN................................           8       1209      6.9%        7.5%
PACIFIC.................................           9       2869     16.3%       17.2%
                                                          -------  --------   --------
TOTALS:                                                   17612    100.0%      100.0%

CENSUSRG = CENSUS REGION
--------

CENSUS REGION        -

     POSITION:  179-180
     FORMAT:     N2
                                                                   UNWGTD      WGTD
RESPONSE                                         CODES      FREQ   PERCENT     PERCENT
--------                                        -------   -------  --------   --------
NORTHEAST...............................           1       3616     20.5%       20.4%
MIDWEST.................................           2       4683     26.6%       23.8%
SOUTH...................................           3       5235     29.7%       31.1%
WEST....................................           4       4078     23.2%       24.7%
                                                          -------  --------   --------
TOTALS:                                                   17612    100.0%      100.0%
```

```
MILFLG   = MILITARY FLAG
------

MILITARY FLAG

     POSITION:  181-182
     FORMAT:     N2
                                                                   UNWGTD      WGTD
RESPONSE                                         CODES      FREQ   PERCENT     PERCENT
--------                                        -------   -------  --------   --------
IMPUTED VALUE...........................           1        273      1.6%      (MISS)
RESERVED CODES:
     INAPPLICABLE.......................          -1      17339     98.4%      (MISS)
                                                          -------  --------   --------
TOTALS:                                                   17612    100.0%        0.0%

PSU      = FOR TAYLOR SERIES VARIANCE
---

FOR TAYLOR SERIES VARIANCE

     POSITION:  183-184
     FORMAT:     A2
                                                                   UNWGTD      WGTD
RESPONSE                                         CODES      FREQ   PERCENT     PERCENT
--------                                        -------   -------  --------   --------
VALUE...................................           1       8666     49.2%       50.8%
VALUE...................................           2       8946     50.8%       49.2%
                                                          -------  --------   --------
TOTALS:                                                   17612    100.0%      100.0%

REGION   = DEPARTMENT OF EDUCATION REGION
------

DEPARTMENT OF EDUCATION REGION

     POSITION:  185-186
     FORMAT:     N2
                                                                   UNWGTD      WGTD
RESPONSE                                         CODES      FREQ   PERCENT     PERCENT
--------                                        -------   -------  --------   --------
NORTHEAST...............................           1       4139     23.5%       22.9%
CENTRAL.................................           2       4683     26.6%       23.8%
SOUTHEAST...............................           3       3380     19.2%       20.9%
WEST....................................           4       5410     30.7%       32.4%
                                                          -------  --------   --------
TOTALS:                                                   17612    100.0%      100.0%
```

SAMPSTAT = PARTICIPATION STATUS AT SAMPLING

PARTICIPATION STATUS AT SAMPLING

POSITION: 187-188
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NONPARTICIPANT........................	1	284	1.6%	17.5%
FULL-TIME DEGREE SEEKING..............	2	217	1.2%	2.1%
OTHER(PART-TIME)......................	3	17111	97.2%	80.4%
TOTALS:		17612	100.0%	100.0%

SIC = INDUSTRY CODE

INDUSTRY CODE

POSITION: 189-192
FORMAT: A4

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
AGRICULTURE, FORESTRY, AND FISHING....	A	176	1.0%	1.2%
MINING................................	B	85	0.5%	1.2%
CONSTRUCTION..........................	C	412	2.3%	2.6%
MANUFACTURING.........................	D	1981	11.2%	12.0%
TRANSPORTATION AND PUBLIC UTILITIES...	E	793	4.5%	3.9%
WHOLESALE TRADE.......................	F	208	1.2%	1.3%
RETAIL TRADE..........................	G	1689	9.6%	11.2%
FINANCE, INSURANCE, AND REAL ESTATE...	H	1392	7.9%	7.9%
SERVICES..............................	I	2276	12.9%	13.9%
PUBLIC ADMINISTRATION.................	J	53	0.3%	0.2%
NONCLASSIFIABLE ESTABLISHMENTS........	K	453	2.6%	3.0%
INDUSTRIAL MACHINERY AND EQUIPMENT....	D35	21	0.1%	0.1%
ELECTRONIC AND OTHER ELECTRIC EQUIPMEN	D36	145	0.8%	0.7%
TRANSPORTATION EQUIPMENT..............	D37	184	1.0%	1.5%
LOCAL AND INTERURBAN PASSENGER TRANSIT	E41	15	0.1%	0.1%
TRUCKING AND WAREHOUSING..............	E42	66	0.4%	0.5%
U.S. POSTAL SERVICE...................	E43	78	0.4%	0.4%
COMMUNICATIONS........................	E48	101	0.6%	0.5%
ELECTRIC, GAS, AND SANITARY SERVICES..	E49	25	0.1%	0.2%
HEALTH SERVICES.......................	I80	2324	13.2%	12.8%
LEGAL SERVICES........................	I81	252	1.4%	1.4%
ENGINEERING AND MANAGEMENT............	I87	128	0.7%	0.8%
COMPUTER AND DATA PROCESSING..........	I737	118	0.7%	0.5%
ELEMENTARY AND SECONDARY SCHOOLS......	I821	911	5.2%	4.7%
COLLEGES AND UNIVERSITIES.............	I822	582	3.3%	3.3%
VOCATIONAL SCHOOL.....................	I824	20	0.1%	0.1%
FEDERAL GOVERNMENT....................	J914	369	2.1%	1.9%
STATE OR LOCAL GOVERNMENT.............	J915	2241	12.7%	12.0%
NATIONAL SECURITY.....................	J971	313	1.8%	0.2%
RESERVED CODES:				
INAPPLICABLE.....................	-1	201	1.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

SOC = OCCUPATION CODE

OCCUPATION CODE

POSITION: 193-196
FORMAT: A4

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
EXECUTIVE, ADMIN, MANAGERIAL OCCUPATIO	A	1500	8.5%	7.8%
ENGINEERS, SURVEYORS, AND ARCHITECTS..	B	478	2.7%	3.3%
NATURAL SCIENTISTS, AND MATHEMATICIANS	C	99	0.6%	0.5%
WRITERS,ARTISTS,ENTERTAINERS, ATHLETES	H	292	1.7%	1.6%
HEALTH TECHNOLOGISTS AND TECHNICIANS..	I	327	1.9%	2.0%
MARKETING AND SALES OCCUPATIONS.......	K	1824	10.4%	11.0%
ADMINISTRATIVE SUPPORT, INCLUDING CLER	L	4201	23.9%	25.1%
SERVICE OCCUPATIONS...................	M	1819	10.3%	10.9%
AGRICULTURE,FORESTRY,FISHING OCCUPATIO	N	112	0.6%	0.8%
MECHANICS AND REPAIRERS...............	O	333	1.9%	2.2%
CONSTUCTION AND EXTRACTIVE OCCUPATIONS	P	305	1.7%	1.7%
PRECISION PRODUCTION OCCUPATIONS......	Q	132	0.7%	0.7%
PRODUCTION WORKING OCCUPATIONS........	R	655	3.7%	4.6%
TRANSPORTATION, MATERIAL MOVING.......	S	92	0.5%	0.6%
HANDLERS,EQUIP. CLEANERS,HELPERS,LABOR	T	171	1.0%	1.1%
MILITARY OCCUPATIONS..................	U	61	0.3%	0.0%
UNEMPLOYED,RETIRED,DISABLED,UNCLASSIFI	Z	194	1.1%	1.0%
SOCIAL SCIENTISTS, AND URBAN PLANNERS.	D19	23	0.1%	0.1%
SOCIAL,RECREATION,AND RELIGIOUS WORKER	D20	304	1.7%	1.5%
LAWYERS AND JUDGES....................	D21	210	1.2%	1.2%
TEACHERS;COLL.,UNIV.,POSTSECONDARY INS	E22	168	1.0%	0.8%
TEACHERS, EXCEPT POSTSECONDARY INST...	E23	1758	10.0%	9.1%
VOCATIONAL AND EDUCATIONAL COUNSELORS.	E24	34	0.2%	0.1%
LIBRARIANS, ARCHIVISTS, AND CURATORS..	E25	53	0.3%	0.3%
PHYSICIANS AND DENTISTS...............	F26	207	1.2%	1.0%
VETERIANARIANS........................	F27	11	0.1%	0.0%
OTHER HEALTH DIAG/TREATING PRACTITIONE	F28	63	0.4%	0.4%
REGISTERED NURSES.....................	G29	774	4.4%	4.6%
PHARM.,DIET.,THERAPISTS,PHYSICIAN'S AS	G30	308	1.7%	1.5%
ENGINEERING/TECHNOLOGISTS,TECHNICIANS.	J37	137	0.8%	0.6%
SCIENCE TECHNOLOGISTS AND TECHNICIANS.	J38	25	0.1%	0.1%
TECHNICIANS;EXCEPT HEALTH,ENG.,SCIENCE	J39	213	1.2%	0.9%
COMPUTER SCIENTISTS...................	C171	184	1.0%	1.1%
VEHICLE,MOBILE EQUIP. MECHANICS/REPAIR	O611	97	0.6%	0.5%
ELECTRIC,ELECTRONIC EQUIPMENT REPAIRER	O615	120	0.7%	0.4%
MOTOR VEHICLE OPERATORS...............	S821	127	0.7%	0.8%
RESERVED CODES:				
INAPPLICABLE......................	-1	201	1.1%	(MISS)
TOTALS:		17612	100.0%	100.0%

URBAN = URBANICITY

URBANICITY

POSITION: 197-198
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NON...................................	0	3241	18.4%	19.9%
MSA...................................	1	14371	81.6%	80.1%
TOTALS:		17612	100.0%	100.0%

```
VSTRAT   = FOR TAYLOR SERIES VARIANCE
------

FOR TAYLOR SERIES VARIANCE

     POSITION:  199-200
     FORMAT:    A2
                                                                     UNWGTD    WGTD
RESPONSE                                        CODES      FREQ     PERCENT   PERCENT
--------                                        -------   -------   --------  --------
VALUE.................................               1       295      1.7%      1.9%
VALUE.................................               2       235      1.3%      1.1%
VALUE.................................               3       277      1.6%      1.5%
VALUE.................................               4       246      1.4%      1.2%
VALUE.................................               5       227      1.3%      1.1%
VALUE.................................               6       249      1.4%      1.6%
VALUE.................................               7       250      1.4%      1.4%
VALUE.................................               8       218      1.2%      1.1%
VALUE.................................               9       200      1.1%      1.4%
VALUE.................................              10       233      1.3%      1.0%
VALUE.................................              11       230      1.3%      1.4%
VALUE.................................              12       204      1.2%      1.2%
VALUE.................................              13       240      1.4%      1.3%
VALUE.................................              14       210      1.2%      1.1%
VALUE.................................              15       250      1.4%      1.1%
VALUE.................................              16       241      1.4%      1.4%
VALUE.................................              17       230      1.3%      1.0%
VALUE.................................              18       234      1.3%      1.5%
VALUE.................................              19       271      1.5%      1.3%
VALUE.................................              20       251      1.4%      1.4%
VALUE.................................              21       238      1.4%      1.2%
VALUE.................................              22       230      1.3%      1.4%
VALUE.................................              23       270      1.5%      1.5%
VALUE.................................              24       441      2.5%      2.2%
VALUE.................................              25       421      2.4%      2.7%
VALUE.................................              26       398      2.3%      2.2%
VALUE.................................              27       494      2.8%      2.5%
VALUE.................................              28       495      2.8%      2.8%
VALUE.................................              29       456      2.6%      2.3%
VALUE.................................              30       474      2.7%      2.5%
VALUE.................................              31       386      2.2%      2.6%
VALUE.................................              32       471      2.7%      2.7%
VALUE.................................              33       479      2.7%      2.4%
VALUE.................................              34       403      2.3%      2.6%
VALUE.................................              35       337      1.9%      2.0%
VALUE.................................              36       437      2.5%      2.0%
VALUE.................................              37       428      2.4%      2.3%
VALUE.................................              38       401      2.3%      2.1%
VALUE.................................              39       467      2.7%      2.6%
VALUE.................................              40       462      2.6%      3.5%
VALUE.................................              41       417      2.4%      2.1%
VALUE.................................              42       493      2.8%      3.1%
VALUE.................................              43       468      2.7%      2.7%
VALUE.................................              44       518      2.9%      3.3%
```

```
VALUE.................................              45       485      2.8%      3.7%
VALUE.................................              46       441      2.5%      2.4%
VALUE.................................              47       486      2.8%      2.5%
VALUE.................................              48       381      2.2%      2.2%
VALUE.................................              49       422      2.4%      2.3%
VALUE.................................              50       522      3.0%      3.3%
                                                          -------   --------  --------
TOTALS:                                                    17612     100.0%    100.0%

AEBASLIT = D-ADULT EDUCATION TO IMPROVE SKILLS
--------

COMPOSITE VARIABLE
ADULT EDUCATION TO IMPROVE SKILLS

     POSITION:  201-202
     FORMAT:    N2
                                                                     UNWGTD    WGTD
RESPONSE                                        CODES      FREQ     PERCENT   PERCENT
--------                                        -------   -------   --------  --------
NO....................................               0     15939     90.5%     91.6%
YES...................................               1      1673      9.5%      8.4%
                                                          -------   --------  --------
TOTALS:                                                    17612     100.0%    100.0%

AEDEGREQ = D-ADULT EDUCATION REQUIRED F/DEGREE
--------

COMPOSITE VARIABLE
ADULT EDUCATION REQUIRED F/DEGREE

     POSITION:  203-204
     FORMAT:    N2
                                                                     UNWGTD    WGTD
RESPONSE                                        CODES      FREQ     PERCENT   PERCENT
--------                                        -------   -------   --------  --------
NO....................................               0     10095     57.3%     62.2%
YES...................................               1      7517     42.7%     37.8%
                                                          -------   --------  --------
TOTALS:                                                    17612     100.0%    100.0%
```

```
AEEMPREA = D-ADULT EDUCATION F/JOB-RELATED REASON
--------

COMPOSITE VARIABLE
ADULT EDUCATION F/JOB-RELATED REASON

     POSITION:  205-206
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
NA/MISSING............................           .        19      0.1%    (MISS)
NO....................................           0      2975     16.9%     16.8%
YES...................................           1     14618     83.0%     83.2%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%

AEEMPREQ = D-ADULT EDUCATION REQUIRED BY EMPLOYER
--------

COMPOSITE VARIABLE
ADULT EDUCATION REQUIRED BY EMPLOYER

     POSITION:  207-208
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
NA/MISSING............................           .       103      0.6%    (MISS)
NO....................................           0      9823     55.8%     53.7%
YES...................................           1      5829     33.1%     33.5%
N/EMP WHEN TAKING.....................           2      1857     10.5%     12.8%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%

AEESL    = D-ADULT EDUCATION F/ENGLISH AS 2ND LANG
-----

COMPOSITE VARIABLE
ADULT EDUCATION F/ENGLISH AS 2ND LANG

     POSITION:  209-210
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
NO....................................           0     17332     98.4%     98.4%
YES...................................           1       280      1.6%      1.6%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%
```

```
AELABOR  = D-LABOR FORCE STATUS
-------

COMPOSITE VARIABLE
LABOR FORCE STATUS

     POSITION:  211-212
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
EMPLOYED..............................           1     15437     87.7%     85.4%
UNEMPLOYED............................           2       466      2.6%      3.0%
NOT IN LABOR FORCE....................           3      1709      9.7%     11.5%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%

AELICNS  = D-ADULT EDUCATION F/LICENSE/CERTIFICATE
-------

COMPOSITE VARIABLE
ADULT EDUCATION F/LICENSE/CERTIFICATE

     POSITION:  213-214
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
NA/MISSING............................           .        52      0.3%    (MISS)
NO....................................           0     12939     73.5%     74.7%
YES...................................           1      4621     26.2%     25.3%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%

AENUMCSE = D-TOTAL # AE COURSES TAKEN IN PAST 12M
--------

COMPOSITE VARIABLE
TOTAL # AE COURSES TAKEN IN PAST 12M

     POSITION:  215-216
     FORMAT:    N2
                                                                UNWGTD     WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                    -------  -------  --------  --------
NA/MISSING............................           .       113      0.6%    (MISS)
COURSES TAKEN.........................        1-40     17499     99.4%    100.0%
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%    100.0%
```

AETRAIN = D-ADULT EDUCATION W/TRAINING COMPONENT

COMPOSITE VARIABLE
ADULT EDUCATION W/TRAINING COMPONENT

POSITION: 217-218
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	3604	20.5%	20.3%
YES	1	14008	79.5%	79.7%
TOTALS:		17612	100.0%	100.0%

CEMPREAS = D-JOB RELATED REASON FOR TAKING COURSE

COMPOSITE VARIABLE
JOB RELATED REASON FOR TAKING COURSE

POSITION: 219-220
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	187	1.1%	(MISS)
NO	0	4397	25.0%	24.1%
YES	1	13028	74.0%	75.9%
TOTALS:		17612	100.0%	100.0%

CNUMWKS = D-NUMBER OF WEEKS SCHEDULED TO RUN

COMPOSITE VARIABLE
NUMBER OF WEEKS SCHEDULED TO RUN

POSITION: 221-223
FORMAT: N3

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	691	3.9%	(MISS)
WEEKS SCHEDULED	1-624	16921	96.1%	100.0%
TOTALS:		17612	100.0%	100.0%

CREQUIRE = D-REQRD FOR CERTIF OF COMPLETION/DIPLOMA

COMPOSITE VARIABLE
REQRD FOR CERTIF OF COMPLETION/DIPLOMA

POSITION: 224-225
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING	.	149	0.8%	(MISS)
NO	0	12285	69.8%	73.3%
YES	1	5178	29.4%	26.7%
TOTALS:		17612	100.0%	100.0%

CTRAIN = D-ANY TRAINING COMPONENT IN COURSE

COMPOSITE VARIABLE
ANY TRAINING COMPONENT IN COURSE

POSITION: 226-227
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	5433	30.8%	29.4%
YES	1	12179	69.2%	70.6%
TOTALS:		17612	100.0%	100.0%

FTBASESL = D-F/T BASIC SKILLS/ESL COURSE

COMPOSITE VARIABLE
F/T BASIC SKILLS/ESL COURSE

POSITION: 228-229
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	17520	99.5%	99.5%
YES	1	92	0.5%	0.5%
TOTALS:		17612	100.0%	100.0%

FTDEGREE = D-FULLTIME ASSOC/BACH DEGREE PROGRAM

COMPOSITE VARIABLE
FULLTIME ASSOC/BACH DEGREE PROGRAM

POSITION: 230-231
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	16151	91.7%	92.2%
YES	1	1461	8.3%	7.8%
TOTALS:		17612	100.0%	100.0%

FTNONDEG = D-F/T NONDEG PGM

COMPOSITE VARIABLE
F/T NONDEG PGM

POSITION: 232-233
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NO	0	17154	97.4%	97.5%
YES	1	458	2.6%	2.5%
TOTALS:		17612	100.0%	100.0%

HIDEGREE = D-HIGHEST DEGREE ATTAINED

COMPOSITE VARIABLE
HIGHEST DEGREE ATTAINED

POSITION: 234-235
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
LESS THAN H/S DIP	1	632	3.6%	4.3%
H/S DIP/EQUIV	2	9112	51.7%	52.2%
ASSOCIATE DEG	3	849	4.8%	4.8%
BACH DEG/HIGHER	4	7019	39.9%	38.7%
TOTALS:		17612	100.0%	100.0%

INCLEVEL = D-LEVEL OF INCOME

COMPOSITE VARIABLE
LEVEL OF INCOME

POSITION: 236-237
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
$10,000 OR LESS	1	619	3.5%	5.4%
$10,001-$15,000	2	650	3.7%	4.9%
$15,001-$20,000	3	839	4.8%	5.5%
$20,001-$25,000	4	1068	6.1%	6.7%
$25,001-$30,000	5	1807	10.3%	9.2%
$30,001-$40,000	6	3060	17.4%	16.3%
$40,001-$50,000	7	3004	17.1%	16.2%
$50,001-$75,000	8	3844	21.8%	20.7%
OVER $75,000	9	2721	15.4%	15.0%
TOTALS:		17612	100.0%	100.0%

RACEETHN = D-RACE-ETHNICITY

COMPOSITE VARIABLE
RACE-ETHNICITY

POSITION: 238-239
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
WHITE, NON-HISPANIC	1	14279	81.1%	83.7%
BLACK, NON-HISPANIC	2	1702	9.7%	7.9%
HISPANIC	3	1215	6.9%	5.9%
ALL OTHER RACES	4	416	2.4%	2.5%
TOTALS:		17612	100.0%	100.0%

SALARY = D-ANNUAL SALARY/CURRENT OR MOST RCNT JOB

COMPOSITE VARIABLE
ANNUAL SALARY/CURRENT OR MOST RCNT JOB

POSITION: 240-244
FORMAT: N5

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
NA/MISSING............................	.	246	1.4%	(MISS)
SALARY................................	1000-75000	17366	98.6%	100.0%
TOTALS:		17612	100.0%	100.0%

SCHOOLNG = D-YEARS OF SCHOOL COMPLETED

COMPOSITE VARIABLE
YEARS OF SCHOOL COMPLETED

POSITION: 245-246
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
UP TO 8TH GRD.........................	1	116	0.7%	0.8%
9-11 GRADE............................	2	469	2.7%	3.3%
12TH GRADE............................	3	3954	22.5%	22.2%
VOC AFTER H/S.........................	4	529	3.0%	3.7%
SOME COLLEGE..........................	5	4676	26.6%	26.5%
ASSOCIATE DEG.........................	6	849	4.8%	4.8%
BACH DEG/HIGHER.......................	7	7019	39.9%	38.7%
TOTALS:		17612	100.0%	100.0%

AELABF = IMPUTATION FLAG FOR LABOR FORCE STATUS

IMPUTATION FLAG FOR LABOR FORCE STATUS

POSITION: 247-248
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	895	5.1%	100.0%
RESERVED CODES:				
INAPPLICABLE....................	-1	16717	94.9%	(MISS)
TOTALS:		17612	100.0%	100.0%

AGEF = IMPUTATION FLAG FOR AGE

IMPUTATION FLAG FOR AGE

POSITION: 249-250
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	64	0.4%	100.0%
RESERVED CODES:				
INAPPLICABLE....................	-1	17548	99.6%	(MISS)
TOTALS:		17612	100.0%	100.0%

HIGHGRAF = IMPUTATION FLAG FOR HIGHGRAD

IMPUTATION FLAG FOR HIGHGRAD

POSITION: 251-252
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	418	2.4%	100.0%
RESERVED CODES:				
INAPPLICABLE....................	-1	17194	97.6%	(MISS)
TOTALS:		17612	100.0%	100.0%

HISPVERF = IMPUTATION FLAG FOR HISPVER

IMPUTATION FLAG FOR HISPVER

POSITION: 253-254
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE.........................	1	56	0.3%	100.0%
RESERVED CODES:				
INAPPLICABLE....................	-1	17556	99.7%	(MISS)
TOTALS:		17612	100.0%	100.0%

HSDIPLMF = IMPUTATION FLAG FOR HSDIPLMA

IMPUTATION FLAG FOR HSDIPLMA

POSITION: 255-256
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	119	0.7%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	17493	99.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

INCOMRNF = INCOMRNG IMPUTED FLAG

INCOMRNG IMPUTED FLAG

POSITION: 257-258
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	2185	12.4%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	15427	87.6%	(MISS)
TOTALS:		17612	100.0%	100.0%

MARISTAF = IMPUTATION FLAG FOR MARISTAT

IMPUTATION FLAG FOR MARISTAT

POSITION: 259-260
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	432	2.5%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	17180	97.5%	(MISS)
TOTALS:		17612	100.0%	100.0%

RACEVERF = IMPUTATION FLAG FOR RACEVER

IMPUTATION FLAG FOR RACEVER

POSITION: 261-262
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	100	0.6%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	17512	99.4%	(MISS)
TOTALS:		17612	100.0%	100.0%

SALARYF = IMPUTATION FLAG FOR SALARY

IMPUTATION FLAG FOR SALARY

POSITION: 263-264
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	3117	17.7%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	14495	82.3%	(MISS)
TOTALS:		17612	100.0%	100.0%

SICF = IMPUTATION FLAG FOR SIC

IMPUTATION FLAG FOR SIC

POSITION: 265-266
FORMAT: N2

RESPONSE	CODES	FREQ	UNWGTD PERCENT	WGTD PERCENT
IMPUTED VALUE..........................	1	390	2.2%	100.0%
RESERVED CODES:				
INAPPLICABLE......................	-1	17222	97.8%	(MISS)
TOTALS:		17612	100.0%	100.0%

```
SOCF     = IMPUTATION FLAG FOR SOC
----

IMPUTATION FLAG FOR SOC

     POSITION:  267-268
     FORMAT:    N2
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
IMPUTED VALUE.........................              1      328     1.9%    100.0%
RESERVED CODES:
     INAPPLICABLE.....................             -1    17284    98.1%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%    100.0%

UNDER16F = IMPUTATION FLAG FOR UNDER16
--------

IMPUTATION FLAG FOR UNDER16

     POSITION:  269-270
     FORMAT:    N2
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
IMPUTED VALUE.........................              1      407     2.3%    100.0%
RESERVED CODES:
     INAPPLICABLE.....................             -1    17205    97.7%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%    100.0%

AEWT     = FINAL ADULT WEIGHT
----

FINAL ADULT WEIGHT

     POSITION:  271-280
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
REPLICATE WEIGHT......................   0-261286.698    17612   100.0%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%      0.0%
```

```
AEREPL1  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  281-290
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
REPLICATE WEIGHT......................   0-267137.947    17612   100.0%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%      0.0%

AEREPL2  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  291-300
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
REPLICATE WEIGHT......................   0-265710.444    17612   100.0%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%      0.0%

AEREPL3  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  301-310
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                        CODES    FREQ   PERCENT   PERCENT
--------                                       -------  ------- --------  --------
REPLICATE WEIGHT......................   0-265666.479    17612   100.0%    (MISS)
                                                        ------- --------  --------
TOTALS:                                                  17612   100.0%      0.0%
```

4.7

4.5

```
AEREPL4  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  311-320
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-268400.991     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL5  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  321-330
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-269611.465     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL6  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  331-340
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-265001.746     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL7  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  341-350
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-269289.058     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL8  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  351-360
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-266172.458     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL9  = REPLICATE WEIGHT
-------

REPLICATE WEIGHT

     POSITION:  361-370
     FORMAT:    N10
                                                                   UNWGTD     WGTD
RESPONSE                                          CODES      FREQ  PERCENT    PERCENT
--------                                        -------   -------  --------   --------
REPLICATE WEIGHT......................     0-268550.412     17612    100.0%    (MISS)
                                                          -------  --------   --------
TOTALS:                                                     17612    100.0%      0.0%
```

```
AEREPL10 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  371-380
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-269974.850   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL11 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  381-390
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-266168.523   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL12 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  391-400
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-267699.501   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL13 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  401-410
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-266443.691   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL14 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  411-420
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-264992.862   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL15 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  421-430
     FORMAT:    N10
                                                                UNWGTD    WGTD
RESPONSE                                     CODES      FREQ   PERCENT   PERCENT
--------                                   -------   -------  --------  --------
REPLICATE WEIGHT......................  0-274167.783   17612    100.0%    (MISS)
                                                     -------  --------  --------
TOTALS:                                                17612    100.0%      0.0%
```

```
AEREPL16 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  431-440
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-268351.164     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%

AEREPL17 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  441-450
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-270243.429     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%

AEREPL18 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  451-460
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-268007.066     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%
```

```
AEREPL19 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  461-470
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-266638.433     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%

AEREPL20 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  471-480
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-267784.555     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%

AEREPL21 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  481-490
     FORMAT:    N10
                                                                  UNWGTD     WGTD
RESPONSE                                       CODES      FREQ   PERCENT   PERCENT
--------                                      -------   -------  --------  --------
REPLICATE WEIGHT.....................    0-265663.463     17612    100.0%    (MISS)
                                                        -------  --------  --------
TOTALS:                                                   17612    100.0%      0.0%
```

```
AEREPL22 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  491-500
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-268246.179    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL23 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  501-510
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-264535.240    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL24 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  511-520
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-265588.074    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL25 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  521-530
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-267702.661    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL26 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  531-540
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-268417.289    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL27 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  541-550
     FORMAT:    N10
                                                                     UNWGTD    WGTD
RESPONSE                                       CODES      FREQ      PERCENT   PERCENT
--------                                      -------    -------   --------  --------
REPLICATE WEIGHT......................    0-269862.330    17612     100.0%    (MISS)
                                                         -------   --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL28 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  551-560
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-269019.132     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL29 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  561-570
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-266537.426     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL30 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  571-580
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-267434.613     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL31 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  581-590
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-269343.186     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL32 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  591-600
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-265933.643     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL33 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  601-610
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                          CODES      FREQ    PERCENT    PERCENT
--------                                        -------   -------   --------   --------
REPLICATE WEIGHT......................   0-266190.258     17612     100.0%     (MISS)
                                                          -------   --------   --------
TOTALS:                                                   17612     100.0%       0.0%
```

```
AEREPL34 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  611-620
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-264137.466    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%

AEREPL35 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  621-630
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-264131.137    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%

AEREPL36 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  631-640
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-265995.426    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%
```

F-122

```
AEREPL37 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  641-650
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-264176.398    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%

AEREPL38 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  651-660
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-273493.156    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%

AEREPL39 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  661-670
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                    CODES       FREQ        PERCENT   PERCENT
--------                                   -------     -------     --------  --------
REPLICATE WEIGHT......................  0-267393.036    17612       100.0%    (MISS)
                                                       -------     --------  --------
TOTALS:                                                 17612       100.0%      0.0%
```

BEST COPY AVAILABLE

```
AEREPL40 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  671-680
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-266828.474    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%

AEREPL41 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  681-690
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-270280.089    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%

AEREPL42 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  691-700
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-268536.827    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL43 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  701-710
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-262912.134    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%

AEREPL44 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  711-720
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-265359.329    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%

AEREPL45 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  721-730
     FORMAT:    N10
                                                                    UNWGTD     WGTD
RESPONSE                                        CODES      FREQ    PERCENT   PERCENT
--------                                       -------   -------  --------  --------
REPLICATE WEIGHT......................    0-266196.196    17612     100.0%    (MISS)
                                                         -------  --------  --------
TOTALS:                                                   17612     100.0%      0.0%
```

```
AEREPL46 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  731-740
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                         CODES      FREQ    PERCENT   PERCENT
--------                                        -------   -------  --------  --------
REPLICATE WEIGHT......................    0-266226.259     17612     100.0%    (MISS)
                                                          -------  --------  --------
TOTALS:                                                    17612     100.0%      0.0%

AEREPL47 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  741-750
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                         CODES      FREQ    PERCENT   PERCENT
--------                                        -------   -------  --------  --------
REPLICATE WEIGHT......................    0-266911.917     17612     100.0%    (MISS)
                                                          -------  --------  --------
TOTALS:                                                    17612     100.0%      0.0%

AEREPL48 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  751-760
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                         CODES      FREQ    PERCENT   PERCENT
--------                                        -------   -------  --------  --------
REPLICATE WEIGHT......................    0-267920.829     17612     100.0%    (MISS)
                                                          -------  --------  --------
TOTALS:                                                    17612     100.0%      0.0%
```

```
AEREPL49 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  761-770
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                         CODES      FREQ    PERCENT   PERCENT
--------                                        -------   -------  --------  --------
REPLICATE WEIGHT......................    0-268380.627     17612     100.0%    (MISS)
                                                          -------  --------  --------
TOTALS:                                                    17612     100.0%      0.0%

AEREPL50 = REPLICATE WEIGHT
--------

REPLICATE WEIGHT

     POSITION:  771-780
     FORMAT:    N10
                                                                     UNWGTD     WGTD
RESPONSE                                         CODES      FREQ    PERCENT   PERCENT
--------                                        -------   -------  --------  --------
REPLICATE WEIGHT......................    0-265326.624     17612     100.0%    (MISS)
                                                          -------  --------  --------
TOTALS:                                                    17612     100.0%      0.0%
```

*U.S. Government Printing Office: 1992 — 311-867/62989

United States
Department of Education
Washington, D.C. 20208–5651

Official Business
Penalty for Private Use, $300

Postage and Fees Paid
U.S. Department of Education
Permit No. G–17

FOURTH CLASS BOOK RATE